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抗荧光淬灭封片液

产品编号	产品名称	包装
P0126-5ml	抗荧光淬灭封片液	5ml
P0126-25ml	抗荧光淬灭封片液	25ml

产品简介：

- 碧云天生产的抗荧光淬灭封片液(Antifade Mounting Medium)是一种用于减缓荧光淬灭的封片试剂。可以用于减缓各种常见荧光染料的荧光淬灭。
- 操作简单，在封片时用移液器滴一滴抗荧光淬灭封片液在样品上，盖上盖玻片即可完成操作。
- 关于碧云天生产的各种封片液的主要特点和差异可参考我们的相关网页：
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- 按照每个样品封片需要50微升计算，5ml本产品足够用于100个样品的封片，25ml本产品可以用于500个样品的封片。

包装清单：

产品编号	产品名称	包装
P0126-5ml	抗荧光淬灭封片液	5ml
P0126-25ml	抗荧光淬灭封片液	25ml
—	说明书	1份

保存条件：

-20°C保存，一年有效。

注意事项：

- 需自备盖玻片与载玻片。盖玻片与载玻片可以向碧云天订购。
- 荧光物质均易发生淬灭，染色后的样品宜避光保存。可以向碧云天选购各种型号的载玻片存储盒。
- 在使用抗淬灭封片液的情况下可以减缓淬灭，但仍宜尽量避光。
- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

使用说明：

1. 贴壁细胞样品：

- a. 染色完毕后，吸尽液体。
- b. 滴一滴抗荧光淬灭封片液于载玻片上，盖上贴有细胞的盖玻片，让细胞接触封片液，尽量避免气泡。
- c. 随后即可在荧光显微镜下观察细胞样品。

2. 组织切片：

- a. 染色完毕后，吸尽液体。
- b. 滴一滴抗荧光淬灭封片液于组织切片上，盖上盖玻片，让切片接触封片液，尽量避免气泡。
- c. 随后即可在荧光显微镜下观察组织切片。

3. 其它样品：

其它样品参考细胞样品或组织切片进行操作。

使用本产品的文献：

1. Zhao CQ, Liu D, Li H, Jiang LS, Dai LY. Interleukin-1beta enhances the effect of serum deprivation on rat annular cell apoptosis. *Apoptosis*. 2007 Dec;12(12):2155-61.
2. Wang ZY, He FF, Sun ZY, Chen Y. Assessment of a new cryoloop vitrification protocol in the cryopreservation of mouse mature oocytes. *Journal of Reproductive Medicine*. 2008 Feb;17(1):38-42.
3. Liao H, Huang W, Schachner M, Guan Y, Guo J, Yan J, Qin J, Bai X, Zhang L. Beta 1 integrin-mediated effects of tenascin-R domains EGFL and FN6-8 on neural stem/progenitor cell proliferation and differentiation in vitro. *J Biol Chem*. 2008 Oct 10;283(41):27927-36.
4. Wang W, Zhang X. Comparison of antiviral efficiency of immune responses in shrimp. *Fish Shellfish Immunol*. 2008 Nov;25(5):522-7.
5. Qian A, Zhang W, Weng Y, Tian Z, Di S, Yang P, Yin D, Hu L, Wang Z, Xu H, Shang P. Gravitational environment produced by a super conducting magnet affects osteoblast morphology and functions. *Acta Astronautica*. 2008 Oct-Nov;63(7-10):929-46.
6. Huang W, Zhang L, Niu R, Liao H. Tenascin-R distinct domains modulate migration of neural stem/progenitor cells in vitro. *In Vitro Cell Dev Biol Anim*. 2009 Jan-Feb;45(1-2):10-4.
7. Chen X, Kang H, Zou F. Low concentration of GA activates a preconditioning response in HepG2 cells during oxidative stress-roles of Hsp90 and vimentin. *Cell Stress Chaperones*. 2009 Jul;14(4):381-9.
8. Li WZ, Li WP, Yao YY, Zhang W, Yin YY, Wu GC, Gong HL. Glucocorticoids increase impairments in learning and memory due to

- elevated amyloid precursor protein expression and neuronal apoptosis in 12-month old mice. *Eur J Pharmacol.* 2010 Feb 25;628(1-3):108-15.
9. Zhao CQ, Zhang YH, Jiang SD, Jiang LS, Dai LY. Both endoplasmic reticulum and mitochondria are involved in disc cell apoptosis and intervertebral disc degeneration in rats. *Age (Dordr).* 2010 Jun; 32(2):161-77.
 10. Ling X, Zhou Y, Li SW, Yan B, Wen L. Modulation of mitochondrial permeability transition pore affects multidrug resistance in human hepatocellular carcinoma cells. *Int J Biol Sci.* 2010 Dec 6; 6(7):773-83.
 11. Zhou Y, Ling XL, Li SW, Li XQ, Yan B. Establishment of a human hepatoma multidrug resistant cell line in vitro. *World J Gastroenterol.* 2010 May 14;16(18):2291-7.
 12. Tang Z, Zhang L, Yang D, Zhao C, Zheng Y. Cold stress contributes to aberrant cytokinesis during male meiosis I in a wheat thermosensitive genic male sterile line. *Plant Cell Environ.* 2011 Mar; 34(3):389-405.
 13. Zhang YH, Zhao CQ, Jiang LS, Dai LY. Substrate stiffness regulates apoptosis and the mRNA expression of extracellular matrixregulatory genes in the rat annular cells. *Matrix Biol.* 2011 Mar;30(2):135-44.
 14. Huang YM, Yin ZQ, Liu K, Huo SJ. Temporal and spatial characteristics of cone degeneration in RCS rats. *Jpn J Ophthalmol.* 2011 Mar;55(2): 155-62.
 15. Wang F, Wang F, Zou Z, Liu D, Wang J, Su Y. Active deformation of apoptotic intestinal epithelial cells with adhesion-restricted polarity contributes to apoptotic clearance. *Lab Invest.* 2011 Mar; 91(3):462-71
 16. Li Y, Pu J, Liu Z, Xu S, Jin F, Zhu L, Tian J, Luo J, Zhang B. Identification of a novel FRMD7 splice variant and functional analysis of two FRMD7 transcripts during human NT2 cell differentiation. *Mol Vis.* 2011;17:2986-96.
 17. Liu JL, Hu ZQ, Xing S, Xue S, Li HP, Zhang JB, Liao YC. Attainment of 15-Fold Higher Affinity of a Fusarium-specific Single-Chain Antibody by Directed Molecular Evolution Coupled to Phage Display. *Mol Biotechnol.* 2012 Oct;52(2):111-22.
 18. Li WZ, Li WP, Huang DK, Kan HW, Wang X, Wu WY, Yin YY, Yao YY. Dexamethasone and Aβ25-35 accelerate learning and memory impairments due to elevate amyloid precursor protein expression and neuronal apoptosis in 12-month male rats. *Behav Brain Res.* 2012 Feb 1;227(1):142-9.
 19. Yi J, Zheng R, Li F, Chao Z, Deng CY, Wu J. Temporal and spatial distribution of Bacillus and Clostridium histolyticum in swine manure composting by fluorescent in situ hybridization (FISH). *Appl Microbiol Biotechnol.* 2012 Mar;93(6):2625-32.
 20. Hu ZQ, Liu JL, Li HP, Xing S, Xue S, Zhang JB, Wang JH, Nölke G, Liao YC. Generation of a Highly Reactive Chicken-Derived Single-Chain Variable Fragment against Fusarium verticillioides by Phage Display. *Int J Mol Sci.* 2012;13(6):7038-56.
 21. Huang Q, Deng J, Xie Z, Wang F, Chen S, Lei B, Liao P, Huang N, Wang Z, Wang Z, Cheng Y. Effective gene transfer into central nervous system following ultrasound-microbubbles-induced opening of the blood-brain barrier. *Ultrasound Med Biol.* 2012 Jul;38(7):1234-43.
 22. Qu B, Li X, Gao W, Sun W, Jin Y, Cardona CJ, Xing Z. Human intestinal epithelial cells are susceptible to influenza virus subtype H9N2. *Virus Res.* 2012 Jan;163(1):151-9.
 23. Li H, Gao F, Ma L, Jiang J, Miao J, Jiang M, Fan Y, Wang L, Wu D, Liu B, Wang W, Lui VC, Yuan Z. Therapeutic potential of in utero mesenchymal stem cell (MSCs) transplantation in rat foetuses with spina bifida aperta. *J Cell Mol Med.* 2012 Jul;16(7):1606-17.
 24. Wang C, Fu T, Xia C, Li Z. Changes in mouse corneal epithelial innervation with age. *Invest Ophthalmol Vis Sci.* 2012 Jul 27;53(8): 5077-84.
 25. Shen X, Wang C, Zhu Q, Li T, Yu L, Zheng W, Fei C, Qiu M, Xue F. Effect of the diclazuril on Hsp90 in the second-generation merozoites of *Eimeria tenella*. *Vet Parasitol.* 2012 Apr 30;185(2-4):290-5.
 26. Li J, Roubeix C, Wang Y, Shi S, Liu G, Baudouin C, Chen W. Therapeutic efficacy of trehalose eye drops for treatment of murine dry eye induced by anintelligently controlled environmental system. *Mol Vis.* 2012;18:317-29.
 27. Jun C, Zhihui Z, Lu W, Yaoming N, Lei W, Yao Q, Zhiyuan S. Canine bone marrow mesenchymal stromal cells with lentiviral mHCN4 gene transfer create cardiac pacemakers. *Cyotherapy.* 2012 May; 14(5):529-39.
 28. Ma YP, Zhu WL. Cytoplasmic and nuclear localization of TCTP in normal and cancer cells. *Biochem Res Int.* 2012;2012:871728.
 29. Liu Y, Su Y, Sun S, Wang T, Qiao X, Li H, Run X, Liang Z. Human tau may modify glucocorticoids-mediated regulation of cAMP-dependent kinase and phosphorylated cAMP response element binding protein. *Neurochem Res.* 2012 May;37(5):935-47.
 30. Jin J, Jin T, Quan M, Piao Y, Lin Z. Ezrin overexpression predicts the poor prognosis of gastric adenocarcinoma. *Diagn Pathol.* 2012 Oct 5;7: 135.
 31. Shen X, Wang C, Zhu Q, Li T, Yu L, Zheng W, Fei C, Qiu M, Xue F. Effect of the diclazuril on Hsp90 in the second-generation merozoites of *Eimeria tenella*. *Vet Parasitol.* 2012 Apr 30;185(2-4):290-5.
 32. Qian J, Wu J, Yao B, Lu Y. Preparation of a polyclonal antibody against hypericin synthase and localization of the enzyme in red-pigmented *Hypericum perforatum* L. plantlets. *Acta Biochim Pol.* 2012;59(4): 639-45.
 33. Su J, Wang Y, Li R, Peng H, Hua S, Li Q, Quan F, Guo Z, Zhang Y. Oocytes selected using BCB staining enhance nuclear reprogramming and the in vivo development of SCNTembryos in cattle. *PLoS One.* 2012;7(4):e36181.
 34. Liu GY, Yang J, Dai F, Yan WJ, Wang Q, Li XZ, Ding DJ, Cao XY, Zhou B. CuII ions and the stilbene-chroman hybrid with a catechol moiety synergistically induced DNA damage, and cell cycle arrest and apoptosis of HepG2 cells: an interesting acid/base-promoted prooxidant reaction. *Chemistry.* 2012 Aug 27;18(35):11100-6.
 35. Wang C, Han C, Li T, Yang D, Shen X, Fan Y, Xu Y, Zheng W, Fei C, Zhang L, Xue F. Nuclear translocation and accumulation of glyceraldehyde-3-phosphate dehydrogenase involved in diclazuril-induced apoptosis in *Eimeria tenella* (E. tenella). *Vet Res.* 2013 May 7; 44(1):29.
 36. Zhu GF, Yang LX, Guo RW, Liu H, Shi YK, Wang H, Ye JS, Yang ZH, Liang X. miR-155 inhibits oxidized low-density lipoprotein-induced apoptosis of RAW264.7 cells. *Mol Cell Biochem.* 2013 Oct;382(1-2): 253-61.
 37. Jia J, Zhang Y, Cai J, Wang J, Ding H, Zhou J, Fang F, Wang Z. A novel function of protein kinase B as an inducer of the mismatch repair gene hPMS2 degradation. *Cell Signal.* 2013 Jun;25(6):1498-504.
 38. Kang H, Fan Y, Sun A, Jia X, Deng X. Simulated microgravity exposure modulates the phenotype of cultured vascular smooth muscle cells. *Cell Biochem Biophys.* 2013 May;66(1):121-30.
 39. Zhao G, Zhou A, Lu G, Meng M, Sun M, Bai Y, Han Y, Wang L, Zhou H, Cong H, Zhao Q, Zhu XQ, He S. Identification and characterization of *Toxoplasma gondii* aspartic protease 1 as a novel vaccine candidate against toxoplasmosis. *Parasit Vectors.* 2013 Jun 14;6:175.
 40. Liu X, Zhang T, Xia W, Wang Y, Ma K. Recombinant human erythropoietin pretreatment alleviates renal glomerular injury induced by cardiopulmonary bypass by reducing transient receptor potential channel 6-nuclear factor of activated T-cells pathway activation. *J Thorac Cardiovasc Surg.* 2013 Sep;146(3):681-7.
 41. Zhang L, Li R, Shi W, Liang X, Liu S, Ye Z, Yu C, Chen Y, Zhang B, Wang W, Lai Y, Ma J, Li Z, Tan X. NFAT2 inhibitor ameliorates diabetic nephropathy and podocyte injury in db/db mice. *Br J Pharmacol.* 2013 Sep;170(2):426-39.
 42. Zhang H, Wu B, Liu H, Qiu M, Liu J, Zhang Y, Quan F. Improving development of cloned goat embryos by supplementing α-lipoic acid to oocyte in vitro maturation medium. *Theriogenology.* 2013 Aug; 80(3):228-33.
 43. Hu S, Du MH, Luo HM, Wang H, Lv Y, Ma L, Lin ZL, Shi X, Gaischek I, Wang L, Litscher G. Electroacupuncture at Zusani (ST36) Prevents Intestinal Barrier and Remote Organ Dysfunction following Gut Ischemia through Activating the Cholinergic Anti-Inflammatory-Dependent Mechanism. *Evid Based Complement Alternat Med.* 2013; 2013:592127.
 44. Liu J, Wang Y, Su J, Wang L, Li R, Li Q, Wu Y, Hua S, Quan F, Guo Z, Zhang Y. Effect of the time interval between fusion and activation on epigenetic reprogramming and development of bovinosomatic cell nuclear transfer embryos. *Cell Reprogram.* 2013 Apr;15(2):134-42.
 45. Lu Y, Qian L, Zhang Q, Chen B, Gui L, Huang D, Chen G, Chen L. Palmitate induces apoptosis in mouse aortic endothelial cells and endothelial dysfunction in mice fed high-calorieand high-cholesterol diets. *Life Sci.* 2013 Jul 10;92(24-26):1165-73.
 46. Luo XC, Wang SS, Zhang J, Qian DD, Wang SM, Li LL. Effects of Early or Overexpression of the *Autographa californica* Multiple Nucleopolyhedrovirus orf94 (ODV-e25) on Virus Replication. *PLoS One.* 2013 Jun 18;8(6):e65635.
 47. Hu ZQ, Li HP, Zhang JB, Huang T, Liu JL, Xue S, Wu AB, Liao YC. A

- phage-displayed chicken single-chain antibody fused to alkaline phosphatase detects Fusarium pathogens and their presence in cereal grains. *Anal Chim Acta*. 2013 Feb 18;764:84-92.
48. Piao J, Shang Y, Liu S, Piao Y, Cui X, Li Y, Lin Z. High expression of DEK predicts poor prognosis of gastric adenocarcinoma. *Diagn Pathol*. 2014 Mar 20;9:67.
 49. Chen Z, Zhu M, Pan X, Zhu Y, Yan H, Jiang T, Shen Y, Dong X, Zheng N, Lu J, Ying S, Shen Y. Inhibition of Hepatitis B virus replication by SAMHD1. *Biochem Biophys Res Commun*. 2014 Aug 8;450(4):1462-8.
 50. Weng H, Huang H, Dong B, Zhao P, Zhou H, Qu L. Inhibition of miR-17 and miR-20a by oridonin triggers apoptosis and reverses chemoresistance by derepressing BIM-S. *Cancer Res*. 2014 Aug 15;74(16):4409-19.
 51. Li H, Zhang X, Zeng S, Chen L, Li X, Lin C, Zhang M, Shu S, Xie S, He Y, Yang L, Tang S, Fu X. The cellular localization of Na⁺/H⁺ exchanger 1, cystic fibrosis transmembrane conductance regulator, potassium channel, epithelial sodium channel γ and vacuolar-type H⁺-ATPase in human eccrine sweat glands. *Acta Histochem*. 2014 Oct;116(8):1237-43.
 52. Zhang WG, Liu XF, Meng KW, Hu SY. Puerarin inhibits growth and induces apoptosis in SMMC-7721 hepatocellular carcinoma cells. *Mol Med Rep*. 2014 Nov;10(5):2752-8.
 53. Jin H, Cui M, Kong J, Cui X, Lin Z, Wu Q, Liu S. Sineoculis homeobox homolog 1 protein is associated with breast cancer progression and survival outcome. *Exp Mol Pathol*. 2014 Oct;97(2):247-52.
 54. Zou J, Yue XY, Zheng SC, Zhang G, Chang H, Liao YC, Zhang Y, Xue MQ, Qi Z. Cholesterol modulates function of connexin 43 gap junction channel via PKC pathway in H9c2 cells. *Biochim Biophys Acta*. 2014 Aug;1838(8):2019-25.
 55. Yuan H, Chen R, Wu L, Chen Q, Hu A, Zhang T, Wang Z, Zhu X. The Regulatory Mechanism of Neurogenesis by IGF-1 in Adult Mice. *Mol Neurobiol*. 2015 Apr;51(2):512-22.
 56. Feng Y, Luo S, Tong S, Zhong L, Zhang C, Yang P, Song Z. Electric-Pulse Current Stimulation Increases If Current in mShox2 Genetically Modified Canine Mesenchymal Stem Cells. *Cardiology*. 2015;132(1): 49-57.
 57. Zhao S, Hao J, Xue Y, Liang C. Intracellular localization of rice stripe virus RNA-dependent RNA polymerase and its interaction with nucleocapsid protein. *Virus Genes*. 2015 Dec;51(3):423-9.
 58. Yang XJ, Yang J, Liu Z, Yang G, Shen ZJ. Telocytes damage in endometriosis-affected rat oviduct and potential impact on fertility. *J Cell Mol Med*. 2015 Feb;19(2):452-62.
 59. Pan HC, Jiang Q, Yu Y, Mei JP, Cui YK, Zhao WJ. Quercetin promotes cell apoptosis and inhibits the expression of MMP-9 and fibronectin via the AKT and ERK signalling pathways in human glioma cells. *Neurochem Int*. 2015 Jan;80:60-71.
 60. Zhang L, Zhang J, Chen L, Wang J. Autophagy in human skin squamous cell carcinoma: Inhibition by 3-MA enhances the effect of 5-FU-induced chemotherapy sensitivity. *Oncol Rep*. 2015 Dec;34(6):3147-55.
 61. Yi X, Cai Y, Li W. Isoflurane Damages the Developing Brain of Mice and Induces Subsequent Learning and Memory Deficits through FASL-FAS Signaling. *Biomed Res Int*. 2015;2015:315872.
 62. Liu Y, Yu Y, Chu H, Bing D, Wang S, Zhou L, Chen J, Chen Q, Pan C, Sun Y, Cui Y. 17-DMAAG induces Hsp70 and protects the auditory hair cells from kanamycin ototoxicity in vitro. *Neurosci Lett*. 2015 Feb 19; 588:72-7.
 63. Liang J, Wang T, Xiang Z, He N. Tweedle cuticular protein BmCPT1 is involved in innate immunity by participating in recognition of Escherichia coli. *Insect Biochem Mol Biol*. 2015 Mar;58:76-88.
 64. Li H, Zhang X, Zeng S, Li X, Zhang B, Chen L, Lin C, Zhang M, Tang S, Fu X. Combination of keratins and alpha-smooth muscle actin distinguishes secretory coils from ducts of eccrine sweat glands. *Acta Histochem*. 2015 Apr;117(3):275-8.
 65. Zhang L, Li H, Zeng S, Chen L, Fang Z, Huang Q. Long-term tracing of the BrdU label-retaining cells in adult rat brain. *Neurosci Lett*. 2015 Mar 30;591:30-4.
 66. Ma K, Wu HY, Zhang B, He X, Li BX. Neurotoxicity effects of atrazine-induced SH-SY5Y human dopaminergic neuroblastoma cells via microglial activation. *Mol Biosyst*. 2015 Oct 13;11(11):2915-24.
 67. Wang Y, Yu H, Zhang J, Gao J, Ge X, Lou G. Hesperidin inhibits HeLa cell proliferation through apoptosis mediated by endoplasmic reticulum stress pathways and cell cycle arrest. *BMC Cancer*. 2015 Oct 12;15:682.
 68. Piao J, Liu S, Xu Y, Wang C, Lin Z, Qin Y, Liu S. Ezrin protein overexpression predicts the poor prognosis of pancreatic ductal adenocarcinomas. *Exp Mol Pathol*. 2015 Feb;98(1):1-6.
 69. Li Z, Zhang Y, Jin T, Men J, Lin Z, Qi P, Piao Y, Yan G. NQO1 protein expression predicts poor prognosis of non-small cell lung cancers. *BMC Cancer*. 2015 Mar 31;15:207.
 70. Wang S, Zhuang L, Yang X, Li Q, Xue Q, Luo Y, Zhang F, Yu B. Impaired acquisition of conditioned taste aversion memory induced by isoflurane is accompanied with calcineurin activation and Egr-1 down-regulation in amygdala in rats. *Neurosci Lett*. 2015 Oct 21; 607:114-9.
 71. Su J, Wang Y, Xing X, Zhang L, Sun H, Zhang Y. Melatonin significantly improves the developmental competence of bovine somatic cell nuclear transfer embryos. *J Pineal Res*. 2015 Nov;59(4):455-468.
 72. Lin CM, Yuan YP, Chen XC, Li HH, Cai BZ, Liu Y, Zhang H, Li Y, Huang K. Expression of Wnt/ β -catenin signaling, stem-cell markers and proliferating cell markers in rat whisker hair follicles. *J Mol Histol*. 2015 Jun;46(3):233-40.
 73. Zhao L, Liu S, Che X, Hou K, Ma Y, Li C, Wen T, Fan Y, Hu X, Liu Y, Qu X. Bufalin inhibits TGF- β -induced epithelial-to-mesenchymal transition and migration in human lung cancer A549 cells by downregulating TGF- β receptors. *Int J Mol Med*. 2015 Sep;36(3):645-52.
 74. Ma W, Wei X, Gu H, Li H, Guan K, Liu D, Chen L, Cao S, An D, Zhang H, Huang T, Miao J, Zhao G, Wu D, Liu B, Wang W, Yuan Z. Sensory neuron differentiation potential of in utero mesenchymal stem cell transplantation in rat fetuses with spina bifida aperta. *Birth Defects Res A Clin Mol Teratol*. 2015 Sep;103(9):772-9.
 75. Nie H, Xue X, Li J, Liu X, Lv S, Guan G, Liu H, Liu G, Liu S, Chen Z. Nitro-oleic acid attenuates OGD/R-triggered apoptosis in renal tubular cells via inhibition of Bax mitochondrial translocation in a PPAR- γ -dependent manner. *Cell Physiol Biochem*. 2015;35(3):1201-18.
 76. Liu X, Liu H, Xu S, Tang Z, Xia W, Cheng Z, Li W, Jin Y. Spinal translocator protein alleviates chronic neuropathic pain behavior and modulates spinal astrocyte-neuronal function in rats with L5 spinal nerve ligation model. *Pain*. 2016 Jan;157(1):103-16.
 77. Wang ZM, Kang YH, Yang X, Wang JF, Zhang Q, Yang BX, Zhao KL, Xu LP, Yang LP, Ma JX, Huang GH, Cai J, Sun XC. Andrographolide radio sensitizes human esophageal cancer cell line ECA109 to radiation in vitro. *Dis Esophagus*. 2016 Jan;29(1):54-61.
 78. Li H, Li X, Zhang B, Zhang M, Chen W, Tang S, Fu X. Changes in keratins and alpha-smooth muscle actin during three-dimensional reconstitution of eccrinesweat glands. *Cell Tissue Res*. 2016 Jul; 365(1):113-22.
 79. Shu C, Chu Q, Bi D, Wang Y, Xu T. Identification and functional characterization of miiuy croaker IRF3 as an inducible protein involved regulation of IFN response. *Fish Shellfish Immunol*. 2016 Jul;54:499-506.
 80. Zhang DQ, Sun P, Jin Q, Li X, Zhang Y, Zhang YJ, Wu YL, Nan JX, Lian LH. Resveratrol Regulates Activated Hepatic Stellate Cells by Modulating NF- κ B and the PI3K/Akt SignalingPathway. *J Food Sci*. 2016 Jan;81(1):H240-5.
 81. Da Z, Li L, Zhu J, Gu Z, You B, Shan Y, Shi S. CXCL13 Promotes Proliferation of Mesangial Cells by Combination with CXCR5 in SLE. *J Immunol Res*. 2016;2016:2063985.
 82. Zheng B, Ye L, Zhou Y, Zhu S, Wang Q, Shi H, Chen D, Wei X, Wang Z, Li X, Xiao J, Xu H, Zhang H. Epidermal growth factor attenuates blood-spinal cord barrier disruption via PI3K/Akt/Rac1 pathway afteracute spinal cord injury. *J Cell Mol Med*. 2016 Jun;20(6):1062-75.
 83. Wang C, Hei F, Ju Z, Yu J, Yang S, Chen M. Differentiation of Urine-Derived Human Induced Pluripotent Stem Cells to Alveolar Type II Epithelial Cells. *Cell Reprogram*. 2016 Feb;18(1):30-6.
 84. Tan X, Chen Y, Liang X, Yu C, Lai Y, Zhang L, Zhao X, Zhang H, Lin T, Li R, Shi W. Lipopolysaccharide-induced podocyte injury is mediated by suppression of autophagy. *Mol Med Rep*. 2016 Jul;14(1):811-8.
 85. Shen X, Ma L, Dong W, Wu Q, Gao Y, Luo C, Zhang M, Chen X, Tao L. Autophagy regulates intracerebral hemorrhage induced neural damage via apoptosis and NF- κ B pathway. *Neurochem Int*. 2016 Jun;96:100-12.
 86. Liu LL, Chen ZG, Mi RS, Zhang KY, Liu YC, Jiang W, Fei CZ, Xue FQ, Li T. Effect of Acetamizuril on enolase in second-generation merozoites of *Eimeria tenella*. *Vet Parasitol*. 2016 Jan 15;215:88-91.
 87. Li M, Pi H, Yang Z, Reiter RJ, Xu S, Chen X, Chen C, Zhang L, Yang M, Li Y, Guo P, Li G, Tu M, Tian L, Xie J, He M, Lu Y, Zhong M, Zhang Y, Yu Z, Zhou Z. Melatonin antagonizes cadmium-induced neurotoxicity by activating the transcription factor EB-dependent autophagy-lysosome machinery in mouse neuroblastoma cells. *J Pineal Res*. 2016 Oct;

- 61(3):353-69.
88. Feng Y, Yang P, Luo S, Zhang Z, Li H, Zhu P, Song Z . Shox2 influences mesenchymal stem cell fate in a co-culture model in vitro. *Mol Med Rep.* 2016 Jul;14(1):637-42.
 89. Nie J, Yang X, Tang Q, Shen Q, Li S . Willed-movement training reduces brain damage and enhances synaptic plasticity related proteinssynthesis after focal ischemia. *Brain Res Bull.* 2016 Jan;120:90-6.
 90. Wang J, Wu WY, Huang H, Li WZ, Chen HQ, Yin YY . Biochanin A Protects Against Lipopolysaccharide-Induced Damage of Dopaminergic Neurons Both In Vivoand In Vitro via Inhibition of Microglial Activation. *Neurotox Res.* 2016 Oct;30(3):486-98.
 91. Wu J, Mu S, Guo M, Chen T, Zhang Z, Li Z, Li Y, Kang X . Histone H2B gene cloning, with implication for its function during nuclear shaping in the Chinese mittencrab, Eriocheir sinensis. *Gene.* 2016 Jan 10;575(2 Pt 1):276-84.
 92. Yuan YP, Huang K, Xu YM, Chen XC, Li HH, Cai BZ, Liu Y, Zhang H, Li Y, Lin CM . Canonical and non-canonical Wnt signaling control the regeneration of amputated rodent vibrissae follicles. *J Mol Histol.* 2016 Feb;47(1):1-8.
 93. Zhou J, Wang L, Wang J, Wang C, Yang Z, Wang C, Zhu Y, Zhang J . Paeoniflorin and Albiniflorin Attenuate Neuropathic Pain via MAPK Pathway in Chronic Constriction InjuryRats. *Evid Based Complement Alternat Med.* 2016;2016:8082753.
 94. Li H, Zhang M, Chen L, Li X, Zhang B. Human eccrine sweat gland cells reconstitute polarized spheroids when subcutaneously implanted withMatrigel in nude mice. *J Mol Histol.* 2016 Oct;47(5):485-90.
 95. Guo J, Yang L, Qiao Y, Liu Z. Glycogen synthase kinase 3β is required for epithelial mesenchymal transition and barrier dysfunction inmouse podocytes under high glucose conditions. *Mol Med Rep.* 2016 Nov;14(5):4091-4098.
 96. Feng Y, Luo S, Yang P, Song Z. Electric pulse current stimulation increases electrophysiological properties of If current reconstructed inmHCN4-transfected canine mesenchymal stem cells. *Exp Ther Med.* 2016 Apr;11(4):1323-1329.
 97. Li HQ, Li Y, Chen ZX, Zhang XG, Zheng XW, Yang WT, Chen S, Zheng GQ. Electroacupuncture Exerts Neuroprotection through Caveolin-1 Mediated Molecular Pathway inIntracerebral Hemorrhage of Rats. *Neural Plast.* 2016;2016:7308261.
 98. Li Y, Li X, Qu Y, Huang J, Zhu T, Zhao F, Li S, Mu D. Role of HMGB1 translocation to neuronal nucleus in rat model with septic brain injury. *Neurosci Lett.* 2016 Nov 23. pii: S0304-3940(16)30899-0.
 99. Zhang JJ, Zhu Y, Yang C, Liu X, Peng YP, Jiang KR, Miao Y, Xu ZK. Yin Yang-1 increases apoptosis through Bax activation in pancreatic cancer cells. *Oncotarget.* 2016 May 10;7(19):28498-509.
 - 100.Li T, Xue Y, Wang G, Gu T, Li Y, Zhu YY, Chen L. Multi-target siRNA: Therapeutic Strategy for Hepatocellular Carcinoma. *J Cancer.* 2016 Jun 25;7(10):1317-27.
 - 101.Li H, He J, Yu H, Green CR, Chang J. Bioglass promotes wound healing by affecting gap junction connexin 43 mediated endothelial cell behavior. *Biomaterials.* 2016 Apr;84:64-75.
 - 102.Zhang X, Xing S, Li M, Zhang L, Xie L, He W, Liu J, Chang S, Jiang F, Zhou P. Beyond knockout: A novel homodimerization-targeting MyD88 inhibitor prevents and cures type 1 diabetes in NOD mice. *Metabolism.* 2016 Sep;65(9):1267-77.
 - 103.Liu X, Qi D, Qi J, Mao Z, Li X, Zhang J, Li J, Gao W. Significance of DEK overexpression for the prognostic evaluation of non-small cell lung carcinoma. *Oncol Rep.* 2016 Jan;35(1):155-62.
 - 104.Ning C, Yang K, Xu M, Huang LQ, Wang CZ. Functional validation of the carbon dioxide receptor in labial palps of *Helicoverpa armigera* moths. *Insect Biochem Mol Biol.* 2016 Jun;73:12-9.
 - 105.Leng XQ, Du HJ, Li CJ, Cao H. Molecular characterization and expression pattern of dmrt1 in the immature Chinese sturgeon *Acipenser sinensis*. *J Fish Biol.* 2016 Feb;88(2):567-79.
 - 106.Li H, Cui X, Chen D, Yang Y, Piao J, Lin Z, Yan G, Shen D. Clinical implication of Tiam1 overexpression in the prognosis of patients with serous ovarian carcinoma. *Oncol Lett.* 2016 Nov;12(5):3492-3498.
 - 107.Li B, He X, Sun Y, Li B. Developmental exposure to paraquat and maneb can impair cognition, learning and memory in Sprague-Dawley rats. *Mol Biosyst.* 2016 Oct 20;12(10):3088-97.
 - 108.Gao J, Meng Q, Zhao Y, Chen X, Cai L. EHD1 confers resistance to cisplatin in non-small cell lung cancer by regulating intracellular cisplatinconcentrations. *BMC Cancer.* 2016 Jul 13;16:470.
 - 109.Chen X, Wei J, Xu M, Yang M, Li P, Wei S, Huang Y, Qin Q. Molecular cloning and characterization of a galectin-1 homolog in orange-spotted grouper, *Epinephelus coioides*. *Fish Shellfish Immunol.* 2016 Jul;54:333-41.
 - 110.Xiong F, Li X, Yang Z, Wang Y, Gong W, Huang J, Chen C, Liu P, Huang H . TGR5 suppresses high glucose-induced upregulation of fibronectin and transforming growth factor-β1 inrat glomerular mesangial cells by inhibiting RhoA/ROCK signaling. *Endocrine.* 2016 Dec;54(3):657-670.
 - 111.Li Z, Liu Q, Piao J, Hua F, Wang J, Jin G, Lin Z, Zhang Y. Clinicopathological implications of Tiam1 overexpression in invasive ductal carcinoma of the breast. *BMC Cancer.* 2016 Aug 25;16(1):681.
 - 112.Cao S, Wei X, Li H, Miao J, Zhao G, Wu D, Liu B, Zhang Y, Gu H, Wang L, Fan Y, An D, Yuan Z. Comparative Study on the Differentiation of Mesenchymal Stem Cells Between Fetal and Postnatal RatSpinal Cord Niche. *Cell Transplant.* 2016;25(6):1115-30.
 - 113.Zhang B, Li L, Li Z, Liu Y, Zhang H, Wang J. Carbon Ion-Irradiated Hepatoma Cells Exhibit Coupling Interplay between Apoptotic Signaling andMorphological and Mechanical Remodeling. *Sci Rep.* 2016 Oct 12;6:35131.
 - 114.Chen H, Zhang L, Deng T, Zou P, Wang Y, Quan F, Zhang Y. Effects of oocyte vitrification on epigenetic status in early bovine embryos. *Theriogenology.* 2016 Aug;86(3):868-78.
 - 115.Huang S, Jin L, Shen J, Shang P, Jiang X, Wang X. Electrical stimulation influences chronic intermittent hypoxia-hypercapnia induction of muscle fib retransformation by regulating the microRNA/ Sox6 pathway. *Sci Rep.* 2016 May 20;6:26415.
 - 116.Li H, Yao Z, He W, Gao H, Bai Y, Yang S, Zhang L, Zhan R, Tan J, Zhou J, Takata M, Wu J, Luo G. P311 induces the transdifferentiation of epidermal stem cells to myofibroblast-like cells by stimulating transforming growth factor β1 expression. *Stem Cell Res Ther.* 2016 Dec 1;7(1):175.
 - 117.Li H, Chen L, Zhang M, Zhang B . Foxal gene and protein in developing rat eccrine sweat glands. *J Mol Histol.* 2017 Feb;48(1):1-7.
 - 118.Shen HQ, Xiao YX, She ZY, Tan FQ, Yang WX. A novel role of KIF3b in the seminoma cell cycle. *Exp Cell Res.* 2017 Feb 1. pii: S0014-4827(17)30043-5.
 - 119.Li N, Wang Y, Che S, Yang Y, Piao J, Liu S, Lin Z. HBXIP over expression as an independent biomarker for cervical cancer. *Exp Mol Pathol.* 2017 Feb;102(1):133-137.
 - 120.Sun J, Bi F, Yang Y, Zhang Y, Jin A, Li J, Lin Z . DEK protein overexpression predicts poor prognosis in pancreatic ductal adenocarcinoma. *Oncol Rep.* 2017 Feb;37(2):857-864.
 - 121.Gao WY, Li D, Cai DE, Huang XY, Zheng BY, Huang YH, Chen ZX, Wang XZ. Hepatitis B virus X protein sensitizes HL-7702 cells to oxidative stress-induced apoptosis throughmodulation of the mitochondrial permeability transition pore. *Oncol Rep.* 2017 Jan;37(1):48-56.
 - 122.Lai D, Gao J, Bi X, He H, Shi X, Weng S, Chen Y, Yang Y, Ye Y, Fu G. kinase inhibitor, fasudil, ameliorates diabetes-induced cardiac dysfunction by improving calciumclearance and actin remodeling. *J Mol Med (Berl).* 2017 Feb;95(2):155-165.
 - 123.Li X, Li H, Zhang M, Chen L, Zhang B. Cell proliferation and differentiation during the three dimensional reconstitution of eccrine sweat glands. *J Mol Histol.* 2017 Jan 16. doi: 10.1007/s10735-017-9710-y. [Epub ahead of print]
 - 124.Chen J, Liu Y, Lu S, Yin L, Zong C, Cui S, Qin D, Yang Y, Guan Q, Li X, Wang X. The role and possible mechanism of lncRNA U90926 in modulating 3T3-L1 preadipocyte differentiation. *Int J Obes (Lond).* 2017 Feb;41(2):299-308.
 - 125.Yang G, Xiao Z, Ren X, Long H, Ma K, Qian H, Guo Y. Obtaining spontaneously beating cardiomyocyte-like cells from adipose-derived stromal vascular fractionscultured on enzyme-crosslinked gelatin hydrogels. *Sci Rep.* 2017 Feb 3;7:41781.
 - 126.Shi T, Gu L, Sun Y, Wang S, You C, Zhang X, Zhu J, Sun B. Enhanced legumain-recognition and NIR controlled released of cisplatin-indocyanine nanosphere againstgastric carcinoma. *Eur J Pharmacol.* 2017 Jan 5;794:184-192.

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