

QuickBlock™免疫染色一抗稀释液

产品编号	产品名称	包装
P0262	QuickBlock™免疫染色一抗稀释液	100ml

产品简介:

- 碧云天生产的QuickBlock™免疫染色一抗稀释液(QuickBlock™ Primary Antibody Dilution Buffer for Immunol Staining)是最新一代的高效一抗稀释液, 总体效果显著优于传统的基于BSA(牛血清白蛋白)、血清等的一抗稀释液, 可以用于免疫荧光(Immunofluorescence, IF)、免疫组化(Immunohistochemistry, IHC)和免疫细胞化学(Immunocytochemistry, IC)等免疫染色时一抗的稀释和配制。
- QuickBlock™免疫染色一抗稀释液可以有效**节约一抗**。本产品稀释和配制的一抗可以在4°C保存和使用不少于1个月, 并且可以反复多次用于免疫染色, 利于节约一抗。
- QuickBlock™免疫染色一抗稀释液稀释的一抗孵育后**背景极低**。本封闭液不含血清和白蛋白, 确保极高的信噪比。
- QuickBlock™免疫染色一抗稀释液**兼容性好**。后续兼容辣根过氧化物酶(Horseradish peroxidase, HRP)、碱性磷酸酶(Alkaline phosphatase, AP)和生物素标记的二抗。本产品不含生物素, 不会干扰基于生物素的检测。
- QuickBlock™免疫染色一抗稀释液**使用便捷**。本产品无需添加任何额外的试剂, 可以直接用于一抗的稀释。

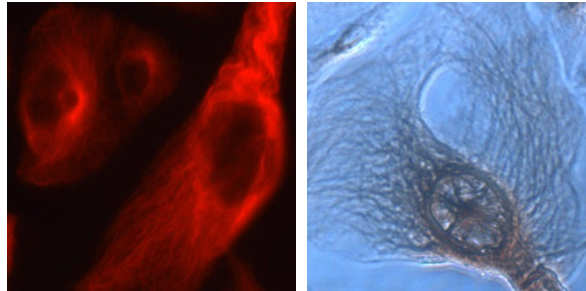


图1. QuickBlock™免疫染色一抗稀释液用于免疫荧光(IF)和免疫细胞化学(IC)的检测效果图。上图为HeLa细胞用一抗 α -Tubulin Rabbit Polyclonal Antibody (AF0001), 和二抗Cy3标记的山羊抗兔IgG(H+L) (A0516)进行荧光染色(左图)或二抗辣根过氧化物酶标记山羊抗兔IgG(H+L) (A0208)并用DAB显色(右图)的检测效果图。左图中可见非常清晰的红色荧光的微管形态, 右图中可见非常清晰的棕色微管形态。实际实验结果会因样品、抗体、实验条件等的不同而存在差异, 图中数据仅供参考。

- 按照每次一抗稀释需要5-10ml一抗稀释液计算, 一个包装的QuickBlock™免疫染色一抗稀释液可以稀释10-20次一抗。

包装清单:

产品编号	产品名称	包装
P0262	QuickBlock™免疫染色一抗稀释液	100ml
—	说明书	1份

保存条件:

4°C保存, 一年有效。长期不使用可以-20°C保存。

注意事项:

- 为进一步提高信噪比, 推荐同时使用QuickBlock™免疫染色封闭液 (P0260)、QuickBlock™免疫荧光染色二抗稀释液(P0265)和QuickBlock™免疫组化染色二抗稀释液(P0267)用于封闭及二抗的稀释。
- 为了使稀释的一抗可以反复多次使用, 一抗孵育结束后稀释的一抗应立即存放在4°C, 以便于后续重复使用。
- 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:

参考所用一抗的说明, 以及样品中目的蛋白的含量, 按照适当比例例如1:1000、1:500等稀释一抗。一抗稀释后即可直接用于免疫染色。一次免疫染色结束后, 可以回收稀释的一抗, 4°C保存, 以用于下次的免疫染色。

详细的免疫染色操作可以参考碧云天相关网页: <http://www.beyotime.com/support/immunol-staining.htm>。

相关产品:

产品编号	产品名称	包装
P0220	QuickBlock™封闭液(PBS)	100ml
P0222	QuickBlock™封闭液(PBSTw)	100ml
P0226	QuickBlock™封闭液(PBSTx)	100ml
P0228	QuickBlock™封闭液(TBS)	100ml
P0231	QuickBlock™封闭液(TBSTw)	100ml
P0233	QuickBlock™封闭液(TBSTx)	100ml
P0235	QuickBlock™封闭液(10X)	100ml
P0252	QuickBlock™ Western封闭液	100ml
P0256	QuickBlock™ Western一抗稀释液	100ml
P0258	QuickBlock™ Western二抗稀释液	100ml
P0260	QuickBlock™免疫染色封闭液	100ml
P0262	QuickBlock™免疫染色一抗稀释液	100ml
P0265	QuickBlock™免疫荧光染色二抗稀释液	100ml
P0267	QuickBlock™免疫组化染色二抗稀释液	100ml

使用本产品的文献：

- Jun Wang, Wei Tang, Meng Yang, Ying Yin, Hui Li, Fangfang Hu, Lin Tang, Xiaoyue Ma, Yu Zhang, Yazhou Wang . Inflammatory tumor microenvironment responsive neutrophil exosomes-based drug delivery system for targeted glioma therapy Biomaterials. 2021 Jun;273:120784.
- Hao Liu, Hualin Fan, Pengcheng He, Haixia Zhuang, Xiao Liu, Meiting Chen, Wenwei Zhong, Yi Zhang, Cien Zhen, Yanling Li, Huilin Jiang, Tian Meng, Yiming Xu, Guojun Zhao, Du Feng . Prohibitin 1 regulates mtDNA release and downstream inflammatory responses EMBO J. 2022 Dec 15;41(24):e111173.
- Yongquan Hu, Hao Chen, Luying Zhang, Xiaoying Lin, Xia Li, Haixia Zhuang, Hualin Fan, Tian Meng, Zhengjie He, Haofeng Huang, Qing Gong, Dongxing Zhu, Yiming Xu, Pengcheng He, Longxuan Li, Du Feng . The AMPK-MFN2 axis regulates MAM dynamics and autophagy induced by energy stresses Autophagy. 2021 May;17(5):1142-1156.
- Juanjuan Zhao, Chengyu Liu, Fenyang Zhang, Ziyi Zheng, Fenlan Luo, Jianxia Xia, Yaling Wang, Zehui Zhang, Jinxiang Tang, Zhenbo Song, Siyu Li, Kan Xu, Mengting Chen, Chenggang Jiang, Chao He, Ling Tang, Zhian Hu, Dong Gao, Shuancheng Ren . A paraventricular thalamus to central amygdala neural circuit modulates acute stress-induced heightened wakefulness Cell Rep. 2022 Dec 13;41(11):111824.
- Zhang Q, Liu RX, Chan KW, Hu J, Zhang J, Wei L, Tan H, Yang X, Liu H . Exosomal transfer of p-STAT3 promotes acquired 5-FU resistance in colorectal cancer cells. J EXP CLIN CANC RES. 2019 Jul 19 38(1):320.
- Ding Y, Zheng Y, Liu T, Chen T, Wang C, Sun Q, Hua M, Hua T . Changes in GABAergic markers accompany degradation of neuronal function in the primary visual cortex of senescent rats. SCI REP-UK. 2017 Nov 2;7(1):14897.
- Li X, Wang X, Wang X, Chen H, Zhang X, Zhou L, Xu T . 3D bioprinted rat Schwann cell-laden structures with shape flexibility and enhanced nerve growth factor expression. 3 Biotech. 2018 Aug;8(8):342.
- Ding Y, Chen T, Wang Q, Yuan Y, Hua T . Axon initial segment plasticity accompanies enhanced excitation of visual cortical neurons in aged rats. Neuroreport. 2018 Dec 12;29(18):1537-1543.
- Liu Z, Tian X, Liu W, Xian Y, Chen W, Chen H, Zhou R . Development of two antigen-binding fragments to a conserved linear epitope of human adenovirus and their application in immunofluorescence. PLoS One. 2019 Jun 26 14(6):e0219091.
- Chao Fang, Jian Sun, Laifu Wei, Fei Gao, Jun Qian . Oscillating field stimulation promotes recovery from spinal cord injury in rats by regulating the differentiation of endogenous neural stem cells Exp Ther Med. 2021 Sep;22(3):979.
- Chengfei Jiang, Binbin Yuan, Bo Hang, Jian-Hua Mao, Xiaoping Zou, Pin Wang . FHOD1 is upregulated in gastric cancer and promotes the proliferation and invasion of gastric cancer cells Oncol Lett. 2021 Oct;22(4):712.
- Huyi Liu, Xiangdao Cai, Jia Liu, Fengxiang Zhang, Andong He, Ruiman Li . The MEG3 lncRNA promotes trophoblastic cell growth and invasiveness in preeclampsia by acting as a sponge for miR-21, which regulates BMP2 levels Eur J Histochem. 2021 Nov 25;65(4):3323.
- Gaojie Song, Jinbo Fang, Chao Shang, Yiquan Li, Yilong Zhu, Zhiru Xiu, Lili Sun, Ningyi Jin, Xiao Li . Ad-apoptin inhibits glycolysis, migration and invasion in lung cancer cells targeting AMPK/mTOR signaling pathway Exp Cell Res. 2021 Dec 15;409(2):112926.
- Leyi Zhang, Chenglong Lu, Li Kang, Yingji Li, Wenjing Tang, Dengfa Zhao, Shengyuan Yu, Ruozhuo Liu . Temporal characteristics of astrocytic activation in the TNC in a mice model of pain induced by recurrent dural infusion of inflammatory soup J Headache Pain. 2022 Jan 15;23(1):8.
- Ying Zhu, Jing Fang Bian, Da Qian Lu, Chi Ho To, Carly Siu-Yin Lam, King Kit Li, Feng Juan Yu, Bo Teng Gong, Qiong Wang, Xiao Wen Ji, Hong Mei Zhang, Hong Nian, Thomas Chuen Lam, Rui Hua Wei . Alteration of EIF2 Signaling, Glycolysis, and Dopamine Secretion in Form-Deprived Myopia in Response to 1% Atropine Treatment: Evidence From Interactive iTRAQ-MS and SWATH-MS Proteomics Using a Guinea Front Pharmacol. 2022 Jan 28;13:814814.
- Qian Zhou, Changhao Liu, Ting Chen, Yanyang Liu, Ren Cao, Xinyan Ni, Wen Z Yang, Qiwei Shen, Hongbin Sun, Wei L Shen . Cooling-activated dorsomedial hypothalamic BDNF neurons control cold defense in mice J Neurochem. 2022 Nov;163(3):220-232.
- Dan Dang, Zhaoli Meng, Chuan Zhang, Zhenyu Li, Jiaqi Wei, Hui Wu . Heme induces intestinal epithelial cell ferroptosis via mitochondrial dysfunction in transfusion-associated necrotizing enterocolitis FASEB J. 2022 Dec;36(12):e22649.

Version 2024.03.12