



碧云天生物技术/Beyotime Biotechnology  
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## GFP Tag Mouse Monoclonal Antibody

产品编号	产品名称	包装
AF2882-50μl	GFP Tag Mouse Monoclonal Antibody	50μl
AF2882-200μl	GFP Tag Mouse Monoclonal Antibody	200μl
AF2882-1ml	GFP Tag Mouse Monoclonal Antibody	1ml

### 产品简介:

来源	用途	交叉反应性	理论分子量	实际分子量
Mouse	WB, IP, IF, IHC, ICC	GFP-tagged protein in all species	-	-

WB, Western blot; IP, Immunoprecipitation; IF, Immunofluorescence; IHC, Immunohistochemistry; ICC, Immunocytochemistry; FC, Flow Cytometry; ChIP, Chromatin Immunoprecipitation Assay; ChIP-seq, ChIP-sequencing.

H, Human; M, Mouse; R, Rat; C, Chicken; Cw, Cow; Dg, Dog; Gp, Guinea pig; Hm, Hamster; Hr, Horse; Mk, Monkey; Pg, Pig; Rb, Rabbit; S, Sheep; Z, Zebrafish; All, all species expected.

- 配套提供了 Western 一抗稀释液, 可以用于 Western 检测或其它适当用途时的一抗稀释。
- 建议抗体使用时的稀释比例如下(实际使用时需根据抗原水平的高低作适当调整):

WB	IP	IF	IHC	ICC	FC	ChIP	ChIP-seq
1:500-1:2000	1:50	1:50-1:100	1:50-1:100	1:50-1:100	-	-	-

- 抗体详细信息如下:

About this Antibody	
Name	GFP Tag Mouse Monoclonal Antibody
Category	Mouse Monoclonal Antibody (mAb); Primary antibody
Isotype	IgG1
Purification method	Affinity purification
Positive samples	-
Cellular location	-
Customer validation	-
About the Immunogen	
Immunogen	Synthetic GFP tag peptide coupled to KLH
Sequence	CMSKGEELFTGVVPILVELDG
Gene ID	7011691
SwissProt	P42212
Synonyms	Green fluorescent protein
Category	Polypeptide protein tag
Background	Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties. The green-fluorescent protein (GFP) functions as a bioluminescence energy transfer acceptor in the jellyfish Aequorea that maximally absorbs light at 395 nm and has an emission spectrum that peaks at 509 nm. GFP has become a very useful tool as a fusion protein that reports gene expression, traces cell lineage and defines subcellular protein localization.

### 包装清单:

产品编号	产品名称	包装
AF2882-50μl	GFP Tag Mouse Monoclonal Antibody	50μl
AZ050	Western一抗稀释液	50ml
—	说明书	1份

产品编号	产品名称	包装
AF2882-200µl	GFP Tag Mouse Monoclonal Antibody	200µl
AZ200	Western一抗稀释液	200ml
—	说明书	1份

产品编号	产品名称	包装
AF2882-1ml	GFP Tag Mouse Monoclonal Antibody	1ml
AZ502	Western一抗稀释液	AZ500×2
—	说明书	1份

### 保存条件：

GFP Tag Mouse Monoclonal Antibody -20℃保存，Western一抗稀释液-20℃或4℃保存，一年有效。Western一抗稀释液优先推荐4℃保存，长期不使用可以考虑-20℃保存，但冻融可能会导致出现轻微的浑浊和少量不溶物。

### 注意事项：

- 如果本抗体用于Western blot (WB)、免疫荧光(IF)、免疫细胞化学(ICC)等实验，请注意回收使用过的稀释抗体。回收的抗体通常至少可以重复使用5-10次。稀释后的抗体，包括已经使用过的稀释抗体，请4℃保存。
- 回收后重复使用的抗体，使用方法同新鲜稀释的抗体。如果在重复使用过程中发现抗体出现轻微混浊现象，可以10,000g离心1-3分钟，取上清用于后续检测。如果回收的抗体出现明显的絮状物或长霉长菌等情况，则可以考虑废弃该抗体。
- 提供的Western一抗稀释液也可以用于免疫荧光(IF)、免疫组化(IHC)、免疫细胞化学(ICC)等适当用途。如果希望获得最佳的检测效果，请考虑使用上述检测专用的一抗稀释液。
- 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：

请根据抗体的实际用途选择相应的使用方法。

#### 1. Western检测：

- a. 按照推荐的稀释比例用碧云天提供的Western一抗稀释液稀释抗体。
- b. 把经过封闭的蛋白膜与稀释好的一抗4℃缓慢摇动过夜或室温缓慢摇动2小时，确保稀释的抗体至少能在摇动的瞬间覆盖蛋白膜。
- c. 回收稀释的一抗，4℃保存以备下次继续使用。
- d. 按照Western的实验步骤进行后续的洗涤、二抗孵育、洗涤和检测等操作。具体操作可以参考如下网页：  
<http://www.beyotime.com/support/western.htm>

#### 2. 免疫染色：

可以使用碧云天生产的免疫染色一抗稀释液(P0103)稀释抗体，使用后注意回收稀释好的一抗，具体操作可以参考如下网页：  
<http://www.beyotime.com/support/immunol-staining.htm>

#### 3. 其它实验操作请自行参考适当的protocol进行。

### 相关产品：

产品编号	产品名称	包装
AF2852	Flag Tag Mouse Monoclonal Antibody	50µl/200µl/1ml
AF2855	Flag Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl/1ml
AF2858	HA Tag Mouse Monoclonal Antibody	50µl/200µl/1ml
AF2861	HA Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl/1ml
AF2864	Myc Tag Mouse Monoclonal Antibody	50µl/200µl/1ml
AF2867	Myc Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl/1ml
AF2870	His Tag (C-terminal Specific) Mouse Monoclonal Antibody	50µl/200µl/1ml
AF2873	His Tag (C-terminal Specific) Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl/1ml
AF2876	His Tag Mouse Monoclonal Antibody	50µl/200µl/1ml
AF2879	His Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl/1ml
AF2882	GFP Tag Mouse Monoclonal Antibody	50µl/200µl/1ml
AF2885	GFP Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl/1ml
AF2888	GST Tag Mouse Monoclonal Antibody	50µl/200µl

AF2891	GST Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl
AF2894	V5 Tag Mouse Monoclonal Antibody	50µl/200µl
AF2897	V5 Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl/200µl
AF2900	Glu-Glu Tag Mouse Monoclonal Antibody	50µl
AF2906	DsRed Tag Mouse Monoclonal Antibody	50µl
AF2909	DsRed Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2912	MBP Tag Mouse Monoclonal Antibody	50µl
AF2915	MBP Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2918	PA Tag Mouse Monoclonal Antibody	50µl
AF2921	PA Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2924	StrepII Tag Mouse Monoclonal Antibody	50µl
AF2927	StrepII Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2930	S Tag Mouse Monoclonal Antibody	50µl
AF2933	S Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2936	TEV-His Tag Mouse Monoclonal Antibody	50µl
AF2939	TEV-His Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2942	Target Tag Mouse Monoclonal Antibody	50µl
AF2945	Target Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2948	TRX Tag Mouse Monoclonal Antibody	50µl
AF2951	TRX Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl
AF2954	AVI Tag Mouse Monoclonal Antibody	50µl
AF2957	AVI Tag Mouse Monoclonal Antibody (HRP Conjugated)	50µl

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