



碧云天生物技术/Beyotime Biotechnology  
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## His Tag (C-terminal Specific) Mouse Monoclonal Antibody

| 产品编号         | 产品名称  | 包装    |
|--------------|---|-------|
| AF2870-50μl  | His Tag (C-terminal Specific) Mouse Monoclonal Antibody | 50μl  |
| AF2870-200μl | His Tag (C-terminal Specific) Mouse Monoclonal Antibody | 200μl |
| AF2870-1ml   | His Tag (C-terminal Specific) 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 | His (C-terminal Specific)-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                | His Tag (C-terminal Specific) 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 His tag peptide on C-terminal coupled to KLH   |
| Sequence            | HHHHHH on C-terminal   |
| Gene ID             | -  |
| SwissProt           | -  |
| Synonyms            | HHHHHH   |
| 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. A variety of plasmids contain DNA that encodes an amino-terminal tag consisting of six histidine (6xHis) residues followed by an extended multiple cloning site. The 6xHis tag on the expressed recombinant proteins allows for efficient coupling to Ni <sup>2+</sup> affinity resins and purification by single step chromatography (1). As is the case with other protein tag systems (2), this polyhistidine tag can often be cleaved at sites recognized by proteases such as thrombin and enterokinases to isolate the protein of interest. |

### 包装清单:

| 产品编号        | 产品名称  | 包装   |
|-------------|---|------|
| AF2870-50μl | His Tag (C-terminal Specific) 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    |
|--------------|---|-------|
| AF2870-200μl | His Tag (C-terminal Specific) 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      |
|------------|---|---------|
| AF2870-1ml | His Tag (C-terminal Specific) Mouse Monoclonal Antibody | 1ml     |
| AZ502      | Western一抗稀释液  | AZ500×2 |
| —          | 说明书   | 1份      |

### 保存条件：

His Tag (C-terminal Specific) 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：

- 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。
- 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。
- 回收稀释的一抗，4℃保存以备下次继续使用。
- 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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