

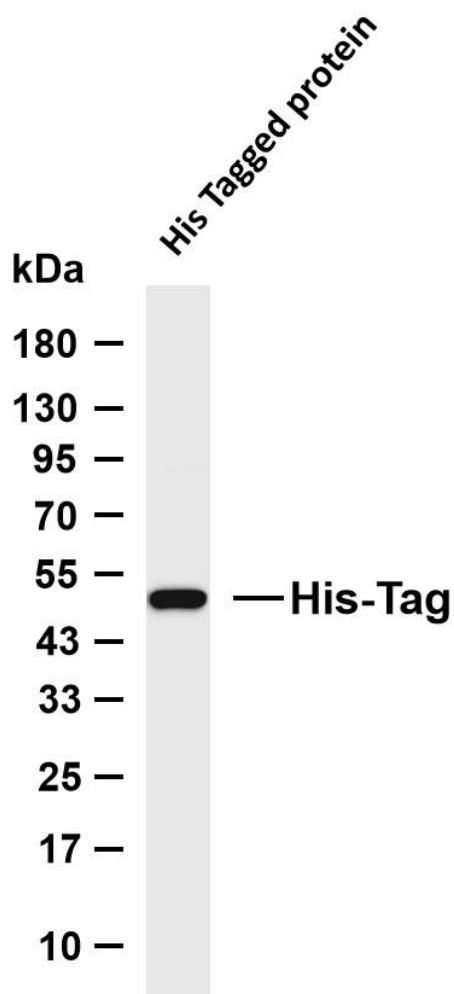


# His-Tag (PTR1387) Mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18951                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | WB,IF,IP,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                   | His-Tag                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Specificity</b>                 | Endogenous                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Formulation</b>                 | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>                      | Monoclonal,Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>                | Protein G                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Dilution</b>                    | WB 1:2000-1:10000; IF 1:100-500; ELISA 1:1000-5000; IP 1:50-1:200;                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>                    | His-Tag                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> | 30kDa                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Background</b>                  | A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. It is also known as hexa histidine-tag, 6xHis-tag, and by the trademarked name His-tag. Polyhistidine-tags are often used for affinity purification of polyhistidine-tagged recombinant proteins expressed in Escherichia coli and other prokaryotic expression systems. |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                   |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-His-Tag (PTR1387) antibody. The HRP-conjugated Goat anti-Mouse IgG (H + L) antibody was used to detect the antibody. Lane 1: His Tagged protein Predicted band size: 50kDa Observed band size: 50kDa