

Immunotag™ His-tag Polyclonal Antibody

| Antibody Specification | |
|------------------------|--|
| Catalog No. | ITG0002 |
| Product Description | Immunotag™ His-tag Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | His-Tag |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | WB: 1:1000-1:3000, EIA: 1:20000 |
| Concentration | 1 mg/ml |
| Reactive Species | All |
| Host Species | Rabbit |
| Immunogen | 6X His synthetic peptide conjugated to KLH. |
| Specificity | His-tag Polyclonal Antibody detects His-tagged recombinant proteins or His-tagged proteins overexpressed in cells. |

Antibody Specification

| | |
|-----------------|--|
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epyope-specific immunogen. |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.0.5% sodium azide. |
| Alternate Names | 6 His epitope tag; Hexa His tag; HHHHHH epitope tag; HHHHHH tag; His tag |
| Description | The his-tag is a series of six to nine histidine residues generally fused to either the carboxy or amino terminus of a recombinant protein. The small size of the his-tag, compared with other common epitope tags, makes it less likely to obstruct the target protein's structure or function and more suitable to use under denaturing conditions. The string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper. The binding to metal ions under specific buffer conditions, allows for the simple purification and detection of his-tagged proteins. |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |