

Anti-His Antibody

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1. Product Description

Product Description: The His tag is a small molecular weight tag, usually composed of 6-8 histidines (His), and His tag is one of the commonly used tags for protein purification and detection due to its molecular weight. It is small and has little effect on the structure and characteristics of the protein after fusion into the target protein. Anti-his-tag antibody can accurately detect, localize and purify His-tag fusion protein, thus providing convenience for the majority of researchers.

Antibody Source: Mouse

Cross-Reactivity: His-tagged fusion proteins

Clone Type: Monoclonal Antibody

Isotype: IgG1

Source: Recombinant antibody expressed in 293 cells Purification

Method: rProtein A affinity purification

Product Purity: ≥95%, as determined by SDS-PAGE

Storage Buffer: 1× PBS (pH 7.4), 0.02% sodium azide, 50% glycerol

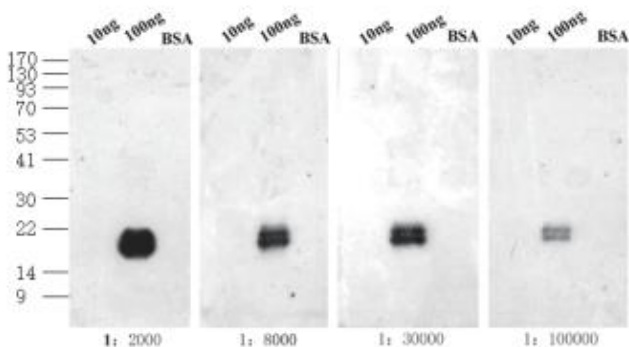
Storage Conditions: Ship on ice/wet ice. Can be stored at -20°C for two years. Avoid repeated freeze-thaw cycles.

2. Product Application

Concentration	1 mg/mL
WB	1/2000 - 1/10000
ELISA	1/5000-1/15000
IP	2 µg - 8 µg
IF	1/200

3. Data Presentation

WB Data:



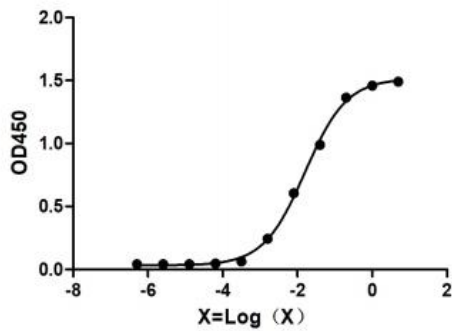
Sample Information: His-tagged fusion proteins

Protein Load: 10 ng (no signal observed), 100 ng (strong signal)

Protein Size: Predicted: 19.4 kDa, Actual: ≈20 kDa

Secondary Antibody Information: Goat Anti-Mouse IgG(H+L)-HRP, 1/10000

ELISA Data:



Sample Information: His-tagged fusion proteins

Coating Concentration: 0.5 µg/mL

X-axis: Log value of antibody concentration (µg/mL)

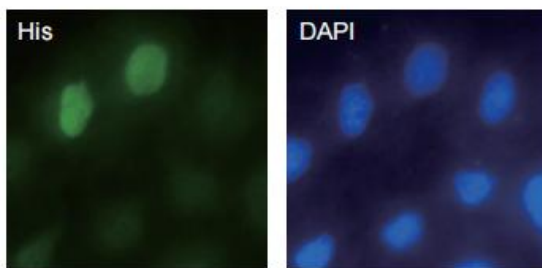
IP Data:



Sample Information: 200 µg of 293 cell supernatant

Beads: rProtein A Magarose Beads

IF Data:



Sample Information: HeLa cells

Plasmid: His-tagged fusion protein mainly localizes to the nucleus

4. Related Products

Product	Cat.No.	Size
Anti-His Antibody	BP0005-01	100 µL (1 mg/mL)