

Anti-HA Antibody

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1. Product Description

Product Description: The HA tag is derived from amino acids 98-106 (YPYDVPDYA) of human influenza hemagglutinin. It has minimal impact on the spatial structure of exogenous target proteins and can be easily constructed as a tag protein fused to the N- or C-terminus of a protein. Therefore, it is commonly used for the fusion expression of recombinant proteins. The Anti-HA Antibody specifically recognizes the HA tag and is used for the detection of expression and localization of fusion proteins.

Antibody Source: Mouse

Cross-Reactivity: HA-tagged fusion proteins

Clone Type: Monoclonal Antibody

Isotype: IgG2A

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

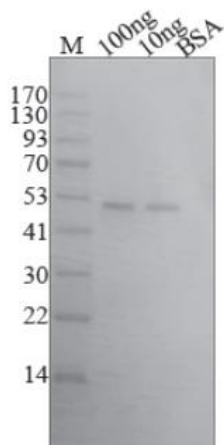
Storage Conditions: Ship on ice/wet ice. Can be stored at -20°C for two years. Avoid repeated freeze-thaw cycles.

2. Product Application

| Concentration | 1 mg/mL |
|---------------|------------------|
| WB | 1/2000 - 1/10000 |
| ELISA | 1/5000-1/30000 |
| IP | 1/1000 |
| IF | 1/200 |

3. Data Presentation

WB Data:



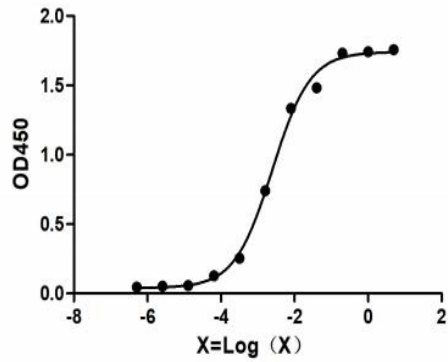
Sample Information: HA-tagged fusion protein

Protein Load: Signal detected at both 10 ng and 100 ng

Protein Size: Predicted: 51 kDa, Actual: ≈51 kDa

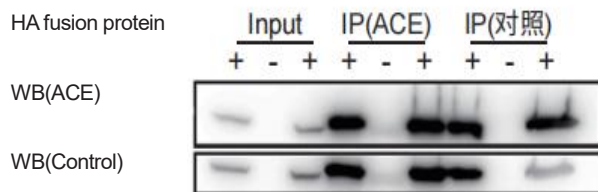
Secondary Antibody Information: Goat anti-mouse IgG(H+L)-HRP, 1/10000

ELISA Data:



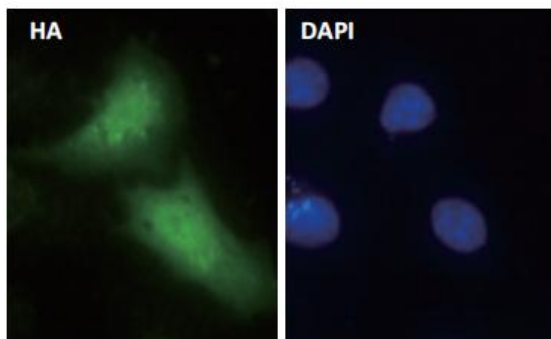
Sample Information: HA-tagged fusion protein
Coating Concentration: 0.5 µg/mL
X-axis: Log vale of antibody concentration (µg/mL)

IP Data:



Sample Information: 200 µg of 293 cell supernatant
Control Group: Well-known international antibody company

IF Data:



Sample Information: HeLa cells

4. Related Products

| Product | Cat.No. | Size |
|------------------|-----------|--------------------|
| Anti-HA Antibody | BP0004-01 | 100 µL (1 mg/mL) |