

Anti-HA Antibody
Immunology

Catalogue Number: IT004M

Description: Anti-HA antibody is a purified mouse IgG2a monoclonal antibody against epitope mapping to an internal region of the influenza hemagglutinin (HA) protein.

Application: recommended for detection of proteins containing the HA tag by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Formulation: Each vial contains 50 µg IgG2a in PBS with 0.1% sodium azide and 0.1% gelatin.

I sotype: IgG2a

Pack Size: 50 µg/100 µl

Stability: Store at 4–8°C, stable for one year from the date of shipment.

FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES



Anti-HA

Catalogue #: IT004P

Storage: 4–8°C

Size: 50µg

Storage buffer: PBS, pH 7.4, containing 0.02% sodium azide and 50% Glycerol.

Store at: -20°C. Do not aliquot the antibody. **For research use only.**

Recommended dilutions: WB: 1:5,000-10,000, IP: 1:200, IF: 1:200

Optimal dilutions should be determined by the end user.

Alternative Names: HA epitope tag, HA1, HA2, Hemagglutinin

Specificity: A mixture mouse monoclonal antibody is prepared by immunizing synthetic peptide. The antibody can recognize C-terminal, internal, and N-terminal HA-tag fusion proteins.

Background: Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA-molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. HA tag antibody is a highly sensitive and affinity monoclonal antibody applicable to HA-tagged fusion protein detection.

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