



Product Data Sheet

HA-Tag Monoclonal Antibody

Catalog Number: ORF.HAMAB-50

Product Details	
Product Name	HA-Tag Monoclonal Antibody
Catalog Number	ORF.HAMAB-50
Size	50 µL
Concentration	1 mg/mL
Clonality	Monoclonal
Source	Mouse
Isotype	IgG
Purification	The antibody was purified by immunogen affinity chromatography.

Product Description	Product Image
The HA tag (hemagglutinin tag) is a short epitope sequence derived from the influenza virus hemagglutinin surface glycoprotein. It is widely used as a fusion tag to facilitate the detection, localization, and purification of recombinant proteins in various expression systems. When incorporated into a protein of interest, the HA tag enables: - Protein Localization Studies – Tracking the distribution of tagged proteins within cells. - Topology and Complex Analysis – Investigating protein structure, orientation, and interaction networks. - Protein-Protein Interaction Mapping – Identifying associated proteins through co-immunoprecipitation. - Characterization of Novel or Low-Abundance Proteins – Providing detection capability when specific antibodies are unavailable or the protein is poorly immunogenic. This monoclonal antibody specifically recognizes the HA epitope and is ideal for applications such as Western blotting, immunofluorescence, immunoprecipitation, and ELISA. It offers high sensitivity and specificity for both native and denatured forms of HA-tagged proteins, ensuring reliable results in research and protein characterization workflows.	The Western blot image displays a single, prominent band at approximately 75 kDa, which is consistent with the expected size of many HA-tagged proteins. The molecular weight markers on the left range from 20 to 200 kDa.

For research applications only. Not for diagnostic or therapeutic use.

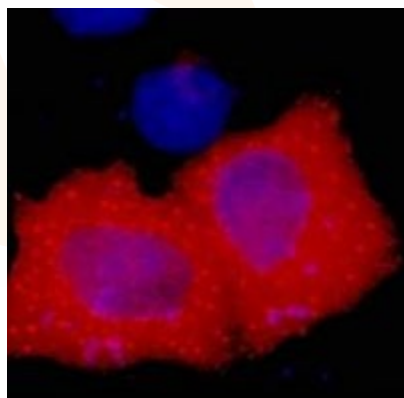
Product Specifications and Product Specific Information

Applications	WB: 1:2000 – 1:5000 IF/IC: 1:200 – 1:500 IP: 1:100 – 1:200
Reactivity	N/A
Specificity	Recognizes C-terminal, internal, and N-terminal HA-tag fusion proteins
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of HA-tag. The exact sequence is proprietary.
Description	Mouse monoclonal antibody to HA-tag
Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Storage and Stability

	Temperature	Storage Time
Short Term	4°C	1 month
Long Term	-20°C	12 months
Avoid repeated freeze-thaw cycles.		

Product Data



Immunofluorescent analysis of HA-tag staining in 293T cells transfected with an HA-tag protein. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5–10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Dylight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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