Mouse anti HA-Tag Monoclonal Antibody



CABE008

Product Information

Size:

100 uL

Observed MW:

Refer to Figures

Calculated MW:

Applications:

WB IF IP

Reactivity:

Antibody Information

Recommended dilutions: WB 1:2000 - 1:5000 IF 1:50 - 1:500 IP 1:20 - 1:50

Source: Mouse

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Isotype: IgG

Purification: Affinity purification

Protein Background

Protein tags are peptide sequences genetically grafted onto a recombinant protein. Often these tags are removable by chemical agents or by enzymatic means, such as proteolysis or intein splicing. Tags are attached to proteins for various purposes. Epitope tags are short peptide sequences which are chosen because high-affinity antibodies can be reliably produced in many different species. These are usually derived from viral genes, which explain their high immunoreactivity. Epitope tags include V5-tag, Myc-tag, HA-tag and NE-tag. These tags are particularly useful for western blotting, immunofluorescence and immunoprecipitation experiments, although they also find use in antibody purification.

Immunogen information

Gene ID:

Uniprot

Synonyms:

HA; HA tag; HA-tag

Immunogen:

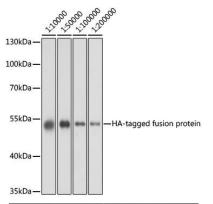
A synthetic peptide corresponding to HA tag.

Storage:

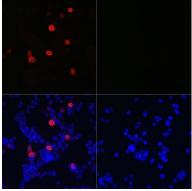
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

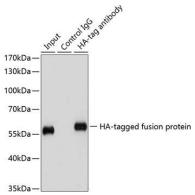
Product Images



Western blot analysis of over-expressed HA-tagged protein in 293T cell using HA-tag antibody (CABE008) at different dilution. Each lane was loaded with 2 ug cell lysate. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunofluorescence analysis of 293T cells transfected with HA-Tag fusion protein and untreated 293T cells use Mouse anti HA-Tag mAb (CABE008) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation of over-expressed HA-tagged protein in 293T cells using HA-tag antibody (CABE008). A mock served as negative control and over-expressed 293T cell lysate served as positive control.