

Product datasheet

HA TAG MOUSE MONOCLONAL ANTIBODY (HA.C5)

SKU: MM-0166-P

100 µg

OVERVIEW

Clonality:

Monoclonal

Host:

Mouse

Application:

ELISA, Dot, IP, IHC, WB

Target:

HA Tag

Target background:

Epitope tags have application in the labeling, isolation and detection of proteins using immunoblotting, Immunoprecipitation and immunostaining techniques. Epitope tags can be used, by affinity chromatography, to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. Due its small size the protein's biochemical properties seem not to be affected by the tag protein. Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of human by the virus. The HA tag corresponds to the amino acids 98-106 (YPYDVPDYA) of the HA protein. It has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag.

Immunogen:

The antibody was raised against YPYDVPDYA (HA) synthetic peptide conjugated to KLH.

Specificity:

The antibody recognizes the HA epitope (YPYDVPDYA) on N-terminal, C-terminal or internal HA-tagged fusion proteins.

Clone ID:

HA.C5

Isotype:

IgG3

Preservative:

None

Format:

Lyophilized protein G purified in PBS pH7.4

Recommend starting dilution:

If reconstituted with deionized water in 100 μ l: WB 1:1000-3,000, IHC 1:500-2,000. Optimal dilution has to be determined by the user.

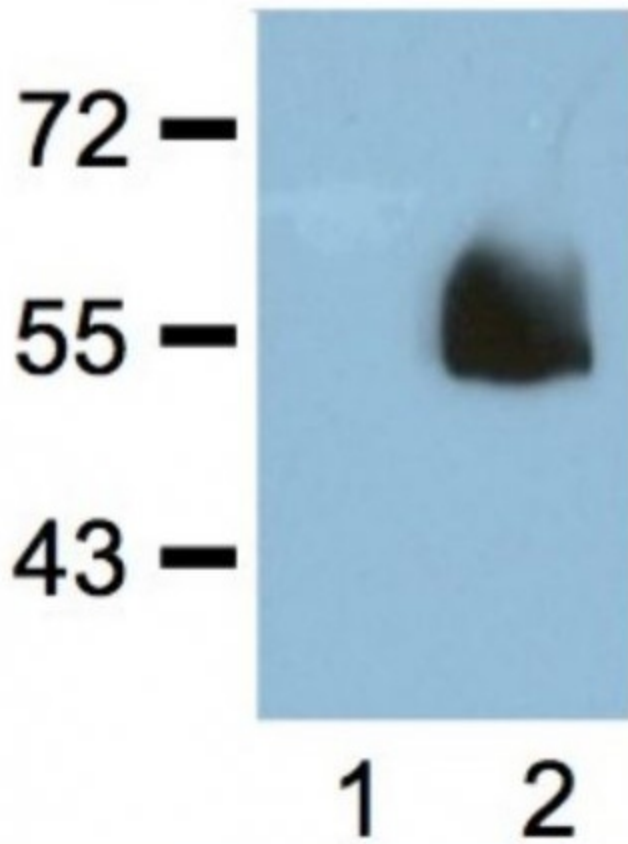
Limitations:

Research Use Only

References:**Storage:**

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

Image:



Western blot analysis of HEK293 cells transfected with HA-tagged protein vector. 1:1000 (1 μ g/mL) Ab dilution. Untransfected (1) and transfected (2).

