Anti-HA Tag Monoclonal Antibody

Catalog No.	Size
E022010-01	100µl
E022010-02	500µl

Product Name	Anti-HA Tag Monoclonal Antibody [HA.C5]
Product type	Tag Antibody
Application	WB, ICC/IF, IP
Description	Mouse Monoclonal to HA tag antibody
Immunogen	A synthetic peptide from influenza hemagglutinin epitope (YPYDVPDYA) coupled to KLH
Specificity	Recognizes HA-tagged proteins overpressed in cells, including both amino- or carboxy-termini of targeted proteins in transfected mammalian cells.

Background Information

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. This tag facilitates the detection, isolation, and purification of the proteins.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: Western blot (1:1000-1:10,000), Immunofluorescence (1:200-1:800). Optimal dilutions for other applications should be determined by the end user experimentally.

Host

Mouse

Clonality

HA.C5

Storage Buffer

PBS, pH 7.4 with 0.05% sodium azide.

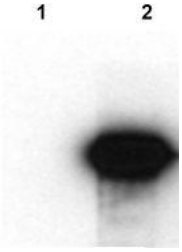
Form

Liquid, 1.000mg/ml

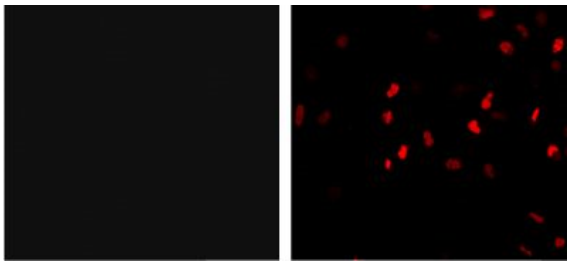
Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



Western blot of 293 cells transfected with HA-tagged vector(2) and untransfected control (1)



Immunofluorescence staining a HA-tag fusion protein (transcription factor) in a stable expressing cell line (right hand panel) and control cell line (left hand panel).