



Cyrusbioscience

HA-Tag Antibody (Mouse)

Catalog Number: TAB0003

Amount: 100µg/100µl

Clone Number: 1B10

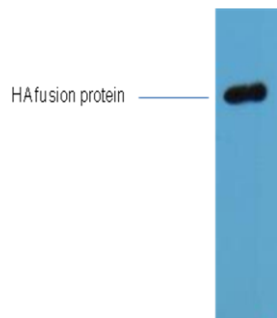
Background: Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA-molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins 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.

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

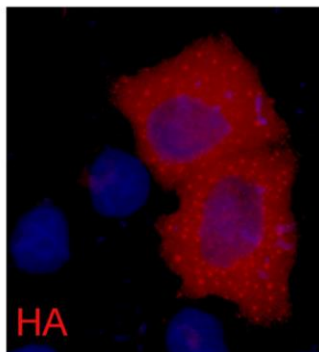
Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: The HA tag antibody can recognize C-terminal, internal, and N-terminal HA-tag fusion proteins.

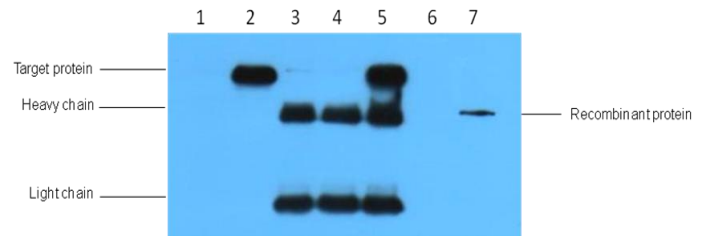
Applications: WB: 1:5,000 ; IP: 1:200 ; IF: 1:1000



0.5ug HA fusion protein+ Primary antibody dilution at 1:10,000.



IF analysis of 293 cells transfected with a HA-tag protein, using anti-HATag Mouse mAb at a 1:2000 dilution (blueDAPI, red anti-HA)



IP antibody use : 5ug HA Mouse IgG1 per ml Lysate , WB 1:5000

- 1 \ untransfected 293 cell lysate
- 2 \ transfected 293 cell lysate with HA-tag fusion protein
- 3 \ IP(untransfcted 293+anti-HA mAb+Protein G agarose)
- 4 \ IP (transfected 293+ normal Mouse IgG+Protein G agarose)
- 5 \ IP (transfected 293+anti-HA mAb+ Protein G agarose)
- 6 \ IP (transfected 293+Protein G)
- 7 \ Recombinant protein (E.coli).