

## HA-Tag Mouse Monoclonal Antibody (HA.C5)

**CATALOG NUMBER:** C1304

**QUANTITY:** 100 $\mu$ L

**DESCRIPTION:** 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.

**SPECIFICITY:** The HA tag antibody can recognize C-terminal, internal, and N-terminal HA-tag fusion proteins.

**ISOTYPE:** IgG1

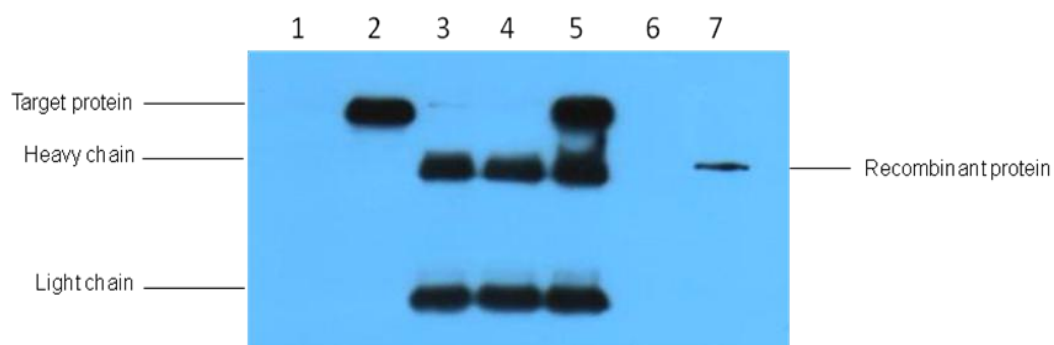
**TESTED APPLICATIONS:** Western Blot, Immunoprecipitation, Immunofluorescence

**APPLICATIONS:** WB: 1:1,000- 1:8,000 IP: 1:200 IF: 1:1000

**\*NOTE:** Optimal working dilutions must be determined by the end user

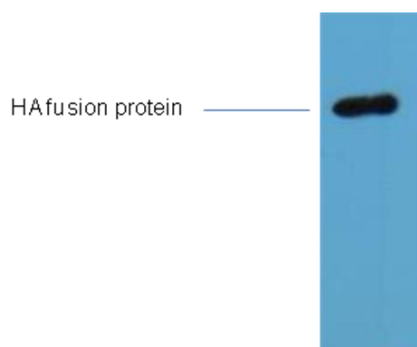
**STORAGE/HANDLING:** PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. **Do not aliquot the antibody.**

### Immunoprecipitation:

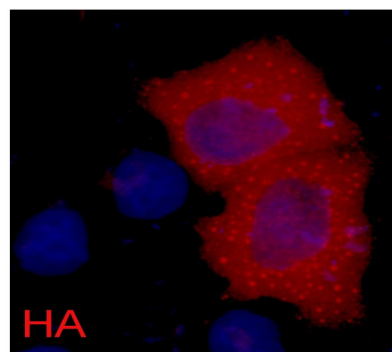


IP antibody use: 5 $\mu$ g HA Mouse IgG1 per ml Lysate, WB 1:5000

- 1、untransfected 293 cell lysate
- 2、transfected 293 cell lysate with HA-tag fusion protein
- 3、IP (untransfected 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*)

**Western Blot**

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

**Immunofluorescence**

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

***For research use only; not for use as a diagnostic.***

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