

HA Tag Monoclonal antibody

Catalog Number: 66006-2-Ig

176 Publications

Basic Information

Catalog Number:

66006-2-Ig

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

Size:1000 μ g/ml**Source:**

Mouse

Isotype:

IgG1

CloneNo.:

1F5C6

Recommended Dilutions:

WB 1:10000-1:100000

IP 0.5-4.0 μ g for 1.0-3.0 mg of total protein lysate

IF 1:400-1:1600

Applications

Tested Applications:

FC, IF/ICC, IP, WB, ELISA

Cited Applications:

ChIP, CoIP, ELISA, IF, IP, PLA, WB

Species Specificity:

recombinant protein

Cited Species:

human, yeast, rat, mouse, pig, canine

Positive Controls:**WB** : Transfected HEK-293 cells, HEK-293 cells, Ag19172**IP** : Transfected HEK-293 cells,**IF** : Transfected HEK-293 cells,

Background Information

Protein tags are a protein or peptide sequences located either on the C- or N- terminal of the target protein, which can facilitate solubility, detection, purification, localization, and expression of the target protein. The HA tag corresponds to amino acid residues YPYDVPDYA of a surface glycoprotein -human influenza virus hemagglutinin (HA). The HA tag is commonly used for a variety of research applications including chromatin immunoprecipitation, ELISA, flow cytometry, western blotting, immunocytochemistry/immunofluorescence among of others.

Notable Publications

Author	Pubmed ID	Journal	Application
Dayun Feng	36179025	Sci Adv	WB
Chenbing Wu	36182042	Environ Toxicol Pharmacol	WB
Jie Gao	34592151	Cell Rep	WB

Storage

Storage:

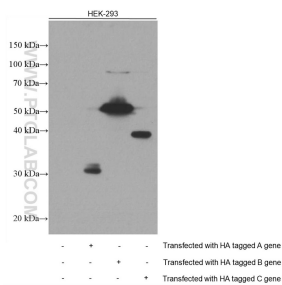
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

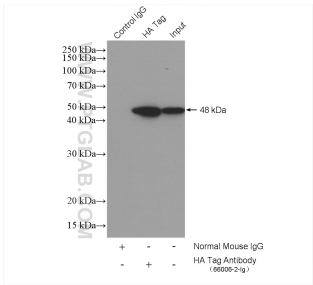
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

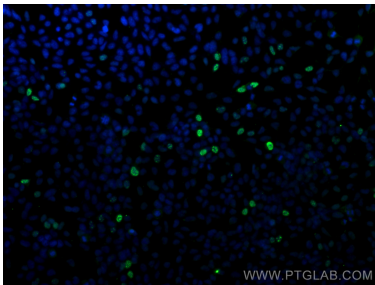
Selected Validation Data



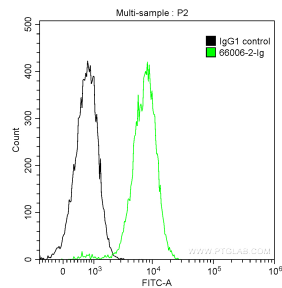
HEK-293 cells were subjected to SDS PAGE followed by western blot with 66006-2-Ig (HA Tag antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



IP result of anti-HA Tag (IP:66006-2-Ig, 5ug; Detection:66006-2-Ig 1:2000) with Transfected HEK-293 cells lysate 1600 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using HA Tag antibody (66006-2-Ig, Clone: 1F5C6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ Transfected HEK-293 cells were stained with 0.2 ug Anti- HA Tag (66006-2-Ig, Clone:1F5C6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.