

# HA Tag Monoclonal antibody

Catalog Number: 66006-2-Ig

181 Publications

## Basic Information

**Catalog Number:**

66006-2-Ig

**GenBank Accession Number:**

GeneID (NCBI):

Full Name:

**Purification Method:**

Protein A purification

**Size:**1000  $\mu$ g/ml**Source:**

Mouse

**Isotype:**

IgG1

**CloneNo.:**

1F5C6

**Recommended Dilutions:**

WB 1:10000-1:100000

IP 0.5-4.0  $\mu$ 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:**

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

**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:**

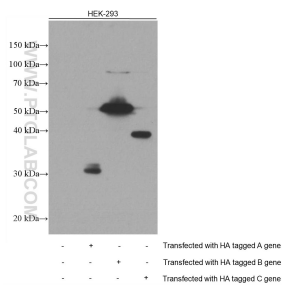
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

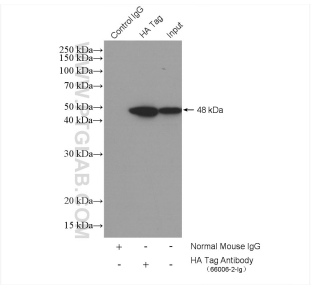
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

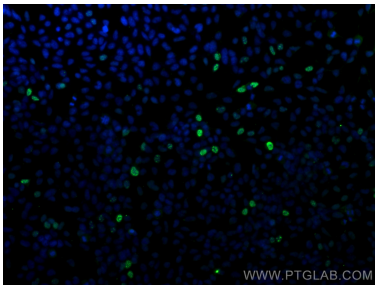
Selected Validation Data



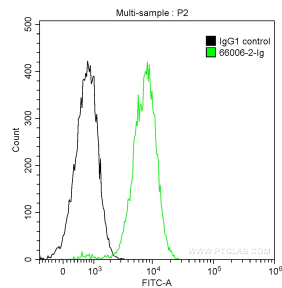
HEK-293 cells were subjected to SDS PAGE followed by western blot with 66006-2-Ig (HA Tag antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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).



1X10<sup>6</sup> 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.