

For Research Use Only

# HA Tag Recombinant antibody

Catalog Number: 81290-1-RR **46 Publications**



## Basic Information

Catalog Number:

81290-1-RR

Concentration:

750 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

6

Full Name:

HA Tag

Purification Method:

Protein A purification

CloneNo.:

6I21

Recommended Dilutions:

WB 1:5000-1:50000

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

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, FC (Intra), IP, ELISA

Cited Applications:

WB, IF, IP, ColP

Species Specificity:

recombinant protein

Cited Species:

human

Positive Controls:

WB : Transfected HEK-293 cells,

IP : Transfected HEK-293T cells,

IF/ICC : 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
Xiaoya Wan	39950798	Adv Sci (Weinh)	IP
Zhengzheng Li	39912421	Adv Sci (Weinh)	WB
Linlin Xu	39893205	Cell Death Discov	IP

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

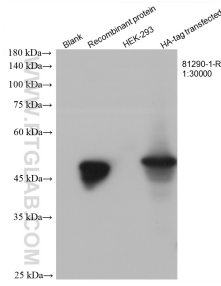
T: 4006900926

E: Proteintech-CN@ptglab.com

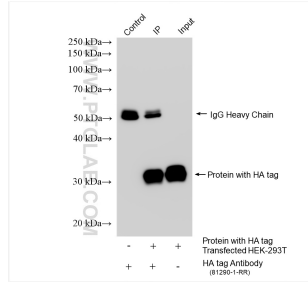
W: ptgcn.com

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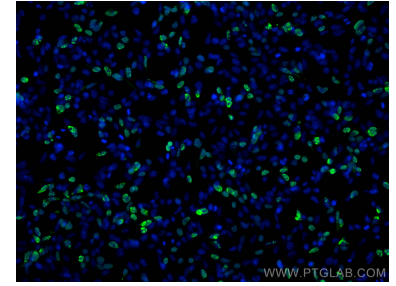
## Selected Validation Data



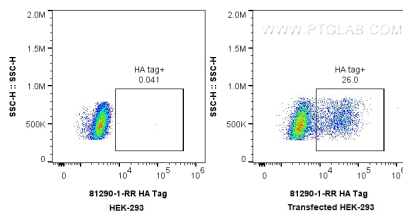
HA-tag recombinant protein, non-transfected HEK-293 cells, transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 81290-1-RR (HA Tag antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



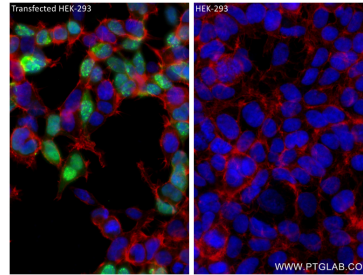
IP result of anti-HA Tag (IP:81290-1-RR, 4ug; Detection:81290-1-RR 1:10000) with Transfected HEK-293T cells lysate 400 ug.



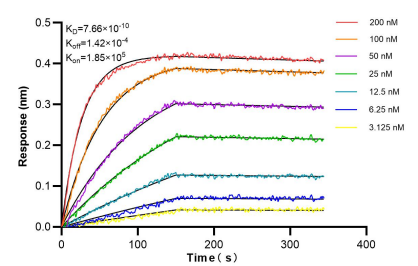
Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using HA Tag antibody (81290-1-RR, Clone: 6l21) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1x10<sup>6</sup> Transfected HEK-293 cells were intracellularly stained with 0.25 ug HA Tag Recombinant antibody (81290-1-RR, Clone:6l21) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), and 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed Transfected HEK-293 cells using HA Tag antibody (81290-1-RR, Clone: 6l21) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 81290-1-RR against a protein with HA tag were performed. The affinity constant is 0.766 nM.