For Research Use Only

CoraLite®647-conjugated HA Tag Recombinant monoclonal antibody

Catalog Number:CL647-81290 2 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL647-81290

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Calculated MW:
1 kDa

Purification Method:
Protein A purification

CloneNo.:
6I21

Recommended Dilutions:
IF/ICC: 1:50-1:500
FC (Intra): 0.4 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Cited Applications:
IF

Species Specificity:
recombinant protein

Cited Species:
human

Positive Controls:

IF/ICC : Transfected HEK-293 cells,

FC (Intra) : HEK-293 transfected with HA-GFP,

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
Zhelin Su	41941438	PLoS Biol	IF
Zifang Zheng	41758870	PLoS Pathog	IF

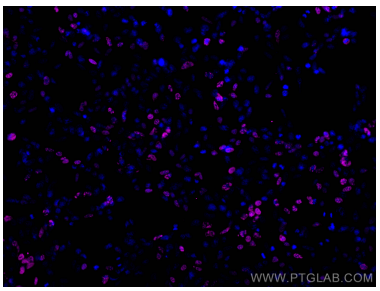
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

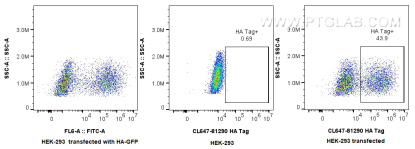
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using CoraLite®647 HA Tag antibody (CL647-81290, Clone: 6I21) at dilution of 1:200.



1x10^6 HEK-293 transfected with HA-GFP were intracellularly stained with 0.4 ug CoraLite®647-conjugated HA Tag Recombinant monoclonal antibody (CL647-81290, Clone:6I21), and 0.4 ug Isotype Control. Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).