

For Research Use Only

CoraLite® Plus 647-conjugated MYC tag Monoclonal antibody

Catalog Number: CL647-60003

1 Publications



Basic Information

Catalog Number:

CL647-60003

GenBank Accession Number:

GeneID (NCBI):

99

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Full Name:

Myc tag

Source:

Mouse

Isotype:

IgG1

Purification Method:

Protein G purification

CloneNo.:

1A5A2

Recommended Dilutions:

IF/ICC: 1:400-1:1600

FC (Intra): 0.40 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

recombinant protein

Positive Controls:

IF/ICC : Transfected HEK-293 cells,

FC (Intra) : Transfected HEK-293 cells, Transfected HEK-293 cells

Background Information

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. The c-Myc tag corresponds to amino acid residues(EQKLISEEDL) of the human c-Myc protein. It can be used for affinity chromatography, then used to separate recombinant, overexpressed protein from wild type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits. Myc-Tag mouse mAb detects recombinant proteins containing the Myc tag. The antibody recognizes the Myc-tag EQKLISEEDL fused to either the amino- or carboxy- terminus of targeted proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Qianqian Wang	39761877	Biochem Pharmacol	

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

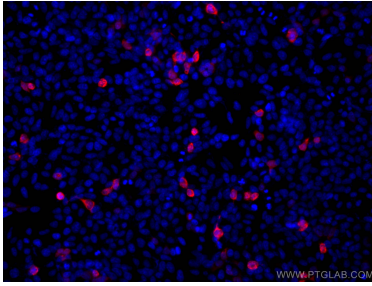
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

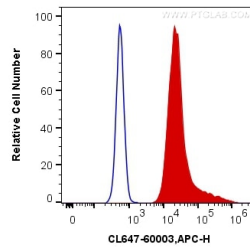
E: proteintech@ptglab.com
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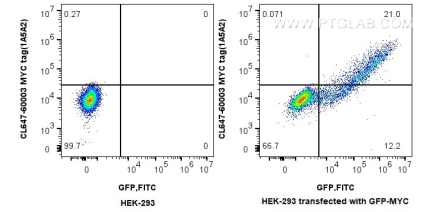
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using CoraLite® Plus 647-conjugated MYC tag antibody (CL647-60003, Clone: 1A5A2) at dilution of 1:800.



1X10⁶ Transfected HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-MYC tag (CL647-60003, Clone:1A5A2) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10⁶ HEK-293 transfected with GFP-MYC were intracellularly stained with 0.4 ug CoraLite® Plus 647-conjugated MYC tag Monoclonal antibody (CL647-60003, Clone:1A5A2). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).