

For Research Use Only

CoraLite® Plus 647-conjugated MYC tag Monoclonal antibody



Catalog Number:CL647-60003

Basic Information

Catalog Number: CL647-60003	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Full Name:	CloneNo.: 1A5A2
Source: Mouse		Recommended Dilutions: IF 1:400-1:1600
Isotype: IgG1		Excitation/Emission maxima wavelengths: 654 nm / 674 nm

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : Transfected HEK-293 cells,
Species Specificity: recombinant protein	

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.

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

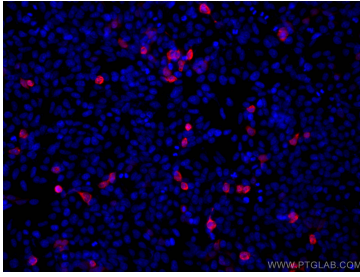
For technical support and original validation data for this product please contact:

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

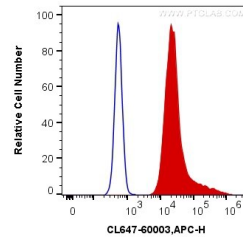
E: proteintech@ptglab.com
W: ptglab.com

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® 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).