

For Research Use Only

CoraLite® Plus 750-conjugated MYC tag Monoclonal antibody

Catalog Number:CL750-60003



Basic Information

Catalog Number:

CL750-60003

Size:

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

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

GeneID (NCBI):

99

Full Name:

Myc tag

Purification Method:

Protein G purification

CloneNo.:

1A5A2

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

WB, IF/ICC

Species Specificity:

recombinant protein

Positive Controls:

WB : Recombinant protein,

IF/ICC : 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.

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

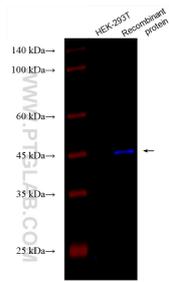
For technical support and original validation data for this product please contact:

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

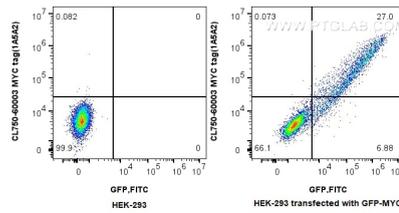
E: proteintech@ptglab.com
W: ptglab.com

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

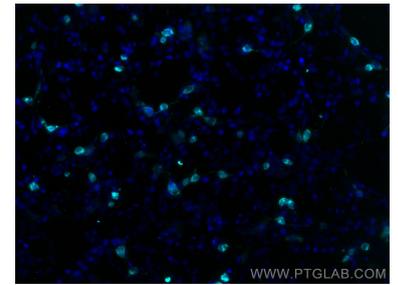
Selected Validation Data



HEK-293 cell lysates and Recombinant protein(Ag19172) were subjected to SDS PAGE followed by western blot with CL750-60003 (MYC tag antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



1×10^6 HEK-293 transfected with GFP-MYC were intracellularly stained with 0.4 ug CoraLite® Plus 750-conjugated MYC tag Monoclonal antibody (CL750-60003, Clone:1A5A2). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using CoraLite® Plus 750 MYC tag antibody (CL750-60003, Clone: 1A5A2) at dilution of 1:100.