

For Research Use Only

# MYC tag Monoclonal antibody, PBS Only

Catalog Number: 60003-2-PBS



## Basic Information

Catalog Number:

60003-2-PBS

Size:

100ug, Concentration: 1mg/ml by  
Nanodrop;

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

1A5A2

## Applications

Tested Applications:

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

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 -80°C.

Storage Buffer:

PBS Only

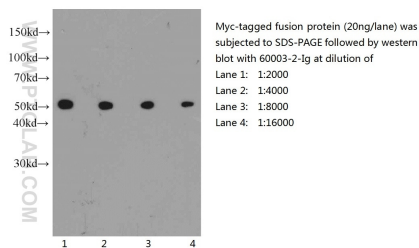
For technical support and original validation data for this product please contact:

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

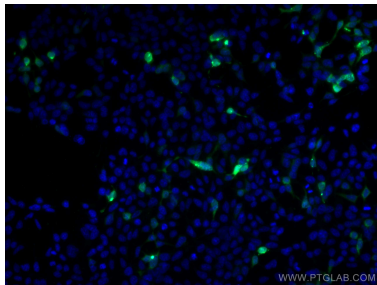
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

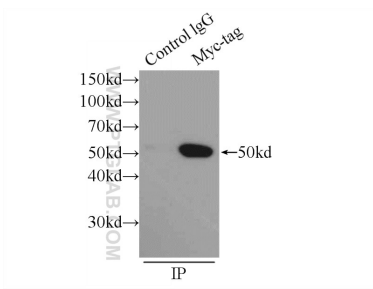
Selected Validation Data



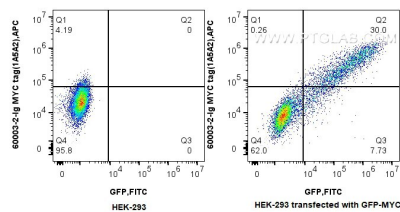
Western blot of Myc-tagged fusion protein with anti-Myc-tag (60003-2-Ig) at various dilutions. This data was developed using the same antibody clone with 60003-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using MYC tag antibody (60003-2-Ig, Clone: 1A5A2 ) at dilution of 1:1000 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60003-2-PBS in a different storage buffer formulation.



IP result of anti-MYC tag (IP:60003-2-Ig, 4ug; Detection:60003-2-Ig 1:10000) with Transfected HEK-293 cells lysate 300ug. This data was developed using the same antibody clone with 60003-2-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HEK-293 transfected with GFP-MYC were intracellularly stained with 0.25 ug MYC tag Monoclonal antibody (60003-2-Ig, Clone:1A5A2) and Multi-rAb CoraLite® Plus 647-Goat Anti-Mouse Recombinant Secondary Antibody (H+L)(RGAM005). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 60003-2-PBS in a different storage buffer formulation.