

For Research Use Only

# MYC tag Monoclonal antibody

Catalog Number: 60003-2-Ig **106 Publications**



## Basic Information

<b>Catalog Number:</b> 60003-2-Ig	<b>GenBank Accession Number:</b> GeneID (NCBI):	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 853 µg/ml by Bradford method using BSA as the standard;	<b>Full Name:</b>	<b>CloneNo.:</b> 1A5A2
<b>Source:</b> Mouse		<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IP 0.5-4.0 ug for IP and 1:2000-1:10000 for WB IF 1:500-1:2000
<b>Isotype:</b> IgG1		

## Applications

<b>Tested Applications:</b> IF, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> CoIP, IF, IP, WB	<b>WB :</b> recombinant protein,
<b>Species Specificity:</b> recombinant protein	<b>IP :</b> Transfected HEK-293 cells,
<b>Cited Species:</b> human	<b>IF :</b> 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
Xiaolin Wang	33117724	Front Cell Infect Microbiol	WB
Yang Wang	34560900	J Exp Clin Cancer Res	WB,IP
Xue Feng	31538665	Hepatology	

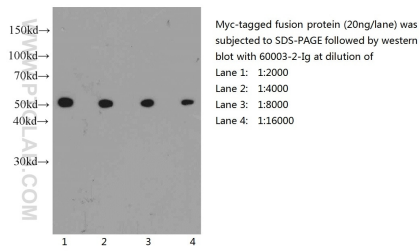
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

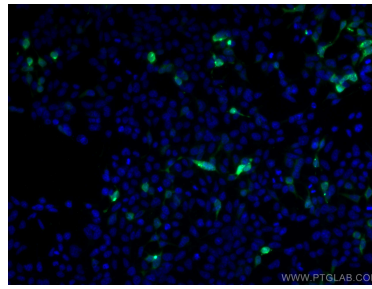
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

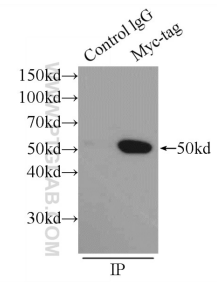
## Selected Validation Data



Western blot of Myc-tagged fusion protein with anti-Myc-tag (60003-2-Ig) at various dilutions.



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).



IP Result of anti-MYC tag (IP:60003-2-Ig, 4ug; Detection:60003-2-Ig 1:10000) with Transfected HEK-293 cells lysate 300ug.