

For Research Use Only

MYC tag Monoclonal antibody

Catalog Number: 60003-2-Ig 185 Publications



Basic Information

Catalog Number: 60003-2-Ig	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 498 µg/ml by Bradford method using BSA as the standard;	Full Name:	CloneNo.: 1A5A2
Source: Mouse		Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IF 1:500-1:2000
Isotype: IgG1		

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls:
Cited Applications: ChIP, CoIP, IF, IP, WB	WB : recombinant protein,
Species Specificity: recombinant protein	IP : Transfected HEK-293 cells,
Cited Species: human, yeast, rat, mouse, pig	IF : 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
Qi Yu	36167807	Nat Commun	WB
Xinyao Tian	36163170	Cell Death Dis	WB,IP

Storage

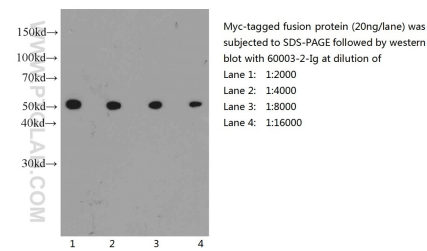
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

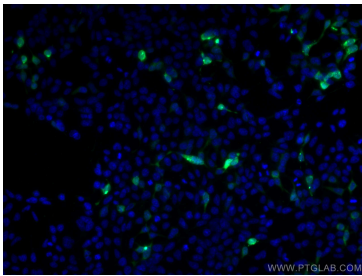
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

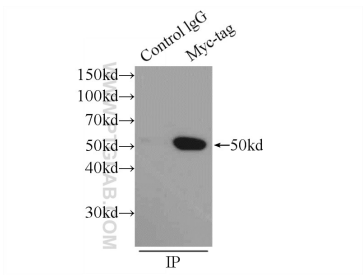
Selected Validation Data



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.