

For Research Use Only

Mouse IgG2b isotype control Monoclonal antibody



Catalog Number: 66360-3-Ig **5 Publications**

Basic Information

Catalog Number:

66360-3-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

11B8C4

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:1500-1:6000

Applications

Tested Applications:

WB, IHC, FC, ELISA

Cited Applications:

WB, ChIP

Species Specificity:

megathura crenulata

Positive Controls:

WB :

IHC :

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

This antibody is used as the isotype control of mouse IgG2b. It can be used as the isotype control in Flow Cytometry, Immuno-Precipitation and other experiments. The immunogen of this antibody is Keyhole Limpet Hemocyanin (KLH).

Notable Publications

Author	Pubmed ID	Journal	Application
Kai Liu	36186122	Aging Dis	WB
Liang Liu	34381702	Front Oncol	ChIP
Yan Yu	32332880	Cell Death Dis	chIP

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:

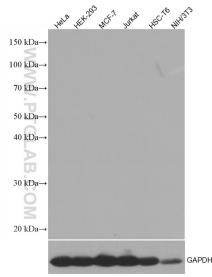
T: 4006900926

E: Proteintech-CN@ptglab.com

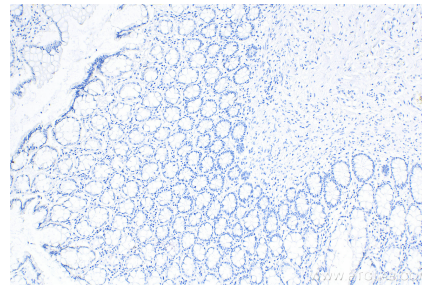
W: ptgcn.com

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

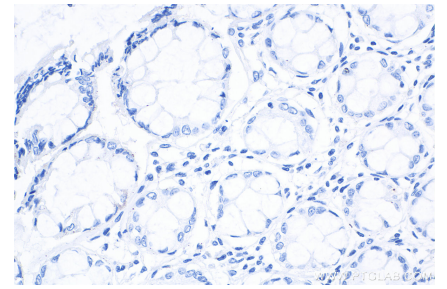
Selected Validation Data



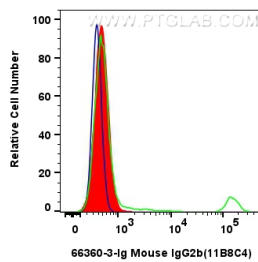
Various lysates (50 ug/lane) were subjected to SDS PAGE followed by western blot with 66360-3-Ig (Mouse IgG2b isotype control antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66360-3-Ig (Mouse IgG2b isotype control antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66360-3-Ig (Mouse IgG2b isotype control antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10⁶ human PBMCs were surface stained with 0.5 ug Mouse IgG2b isotype control Monoclonal antibody (66360-3-Ig, Clone: 11B8C4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.5 ug Anti-Human CD20 (65085-1-Ig) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (green), or unstained (blue). Cells were not fixed.