

For Research Use Only

# Mouse IgG2b isotype control Monoclonal antibody



Catalog Number: 66360-3-Ig **4 Publications**

## Basic Information

<b>Catalog Number:</b> 66360-3-Ig	<b>GenBank Accession Number:</b> GeneID (NCBI):	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Full Name:</b>	<b>CloneNo.:</b> 11B8C4
<b>Source:</b> Mouse		<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:1500-1:6000
<b>Isotype:</b> IgG2b		

## Applications

<b>Tested Applications:</b> FC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> ChIP, WB	WB : ,
<b>Species Specificity:</b> Megathura crenulata	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

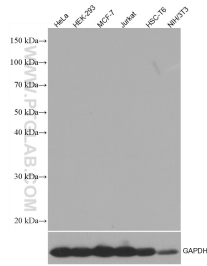
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

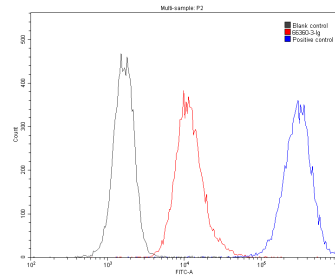
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

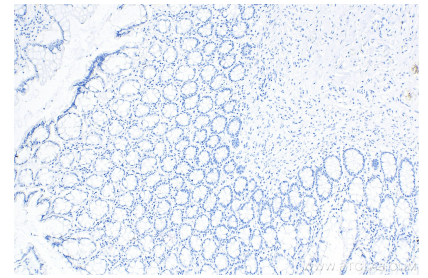
## Selected Validation Data



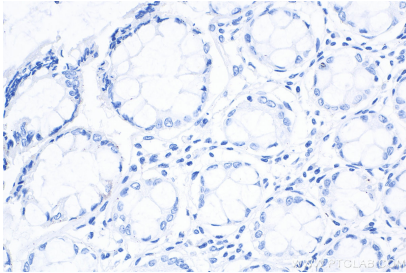
Various lysates (50 ug/lane) were subjected to SDS PAGE followed by western blot with 66360-3-Ig (Mouse IgG2b isotype control antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  Jurkat cells were stained with 0.20ug Mouse IgG2b isotype control antibody (66360-3-Ig, red) or control antibody (blue). Fixed with 90% MeOH.



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).