

For Research Use Only

IGBP1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87726-1-PBS



Basic Information

Catalog Number: 87726-1-PBS	GenBank Accession Number: BC004137	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3476	CloneNo.: 253170E3
Source: Rabbit	UNIPROT ID: P78318	
Isotype: IgG	Full Name: immunoglobulin (CD79A) binding protein 1	
Immunogen Catalog Number: AG6782	Calculated MW: 39 kDa	
	Observed MW: 39 kDa	

Applications

Tested Applications:
WB, IF/ICC, IP, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Immunoglobulin-binding protein 1 (IGBP1), also known as ALPHA-4, was originally identified as a signal transduction molecule coprecipitating with MB1 (CD79a) protein of the B-cell antigen receptor (BCR) complex. IGBP1 has been characterized as an essential regulator of the catalytic activity of protein phosphatase 2A (PP2A), which is a ubiquitous phosphatase with broad substrate specificity and diverse cellular functions.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

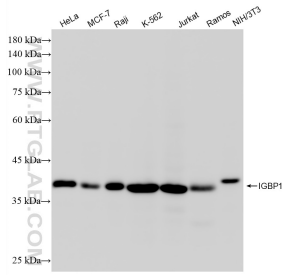
For technical support and original validation data for this product please contact:

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

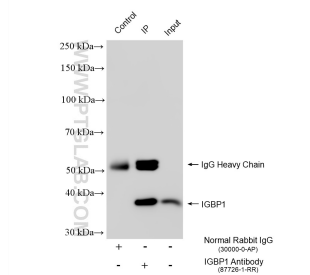
E: proteintech@ptglab.com
W: ptglab.com

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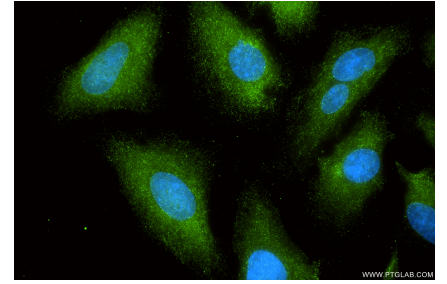
Selected Validation Data



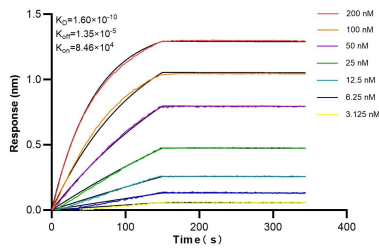
Various lysates were subjected to SDS PAGE followed by western blot with 87726-1-RR (IGBP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87726-1-PBS in a different storage buffer formulation.



IP result of anti-IGBP1 (IP:87726-1-RR, 4ug; Detection:87726-1-RR 1:1000) with Jurkat cells lysate 1080 ug. This data was developed using the same antibody clone with 87726-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using IGBP1 antibody (87726-1-RR, Clone: 253170E3) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 87726-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87726-1-RR against Human IGBP1 were performed. The affinity constant is 0.16 nM.