

For Research Use Only

BMPR1A Recombinant antibody, PBS Only

Catalog Number:82928-1-PBS



Basic Information

Catalog Number: 82928-1-PBS	GenBank Accession Number: BC028383	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 657	CloneNo.: 230137B7
Source: Rabbit	UNIPROT ID: P36894	
Isotype: IgG	Full Name: bone morphogenetic protein receptor, type IA	
Immunogen Catalog Number: AG3410	Calculated MW: 532 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
WB, FC (Intra), IP, Indirect ELISA

Species Specificity:
human, mouse

Background Information

BMPR1A (Bone morphogenetic protein receptor type-1A) is also named as ACVRLK3, ALK3 and SKR5. BMPR1A is an essential receptor for BMP signaling (PMID: 26279380). BMPR1A is necessary for chondrogenesis and osteogenesis (PMID: 32764110). BMPR1A is a cell surface marker of human SuSCs (PMID: 33658353).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

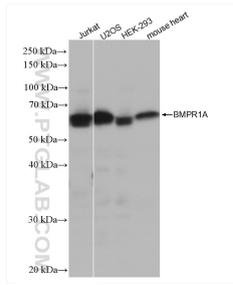
For technical support and original validation data for this product please contact:

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

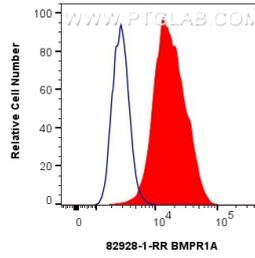
E: proteintech@ptglab.com
W: ptglab.com

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

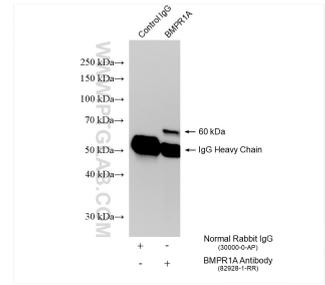
Selected Validation Data



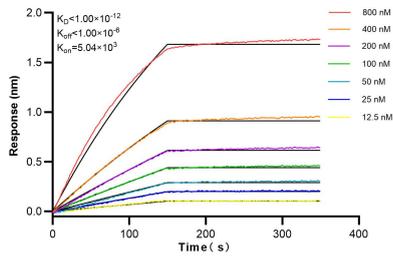
Various lysates were subjected to SDS PAGE followed by western blot with 82928-1-RR (BMPR1A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82928-1-PBS in a different storage buffer formulation.



1x10⁶ MCF-7 cells were intracellularly stained with 0.25 ug BMPR1A Recombinant antibody (82928-1-RR, Clone:230137B7) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82928-1-PBS in a different storage buffer formulation.



IP result of anti-BMPR1A (IP:82928-1-RR, 4ug; Detection:82928-1-RR 1:2000) with HEK-293 cells lysate 1920 ug. This data was developed using the same antibody clone with 82928-1-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 82928-1-RR against Human BMPR1A were performed. The affinity constant is below 1 pM.