

For Research Use Only

BMPR1A Polyclonal antibody

Catalog Number:30608-1-AP



Basic Information

Catalog Number: 30608-1-AP	GenBank Accession Number: BC028383	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 657	Recommended Dilutions: WB 1:500-1:2000 IF 1:200-1:800
Source: Rabbit	Full Name: bone morphogenetic protein receptor, type IA	
Isotype: IgG	Calculated MW: 532 aa, 60 kDa	
Immunogen Catalog Number: AG32959	Observed MW: 68 kDa	

Applications

Tested Applications: FC, IF, WB, ELISA	Positive Controls:
Species Specificity: Human	WB : Caco-2 cells, HeLa cells, Jurkat cells, K-562 cells IF : U2OS cells,

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 -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

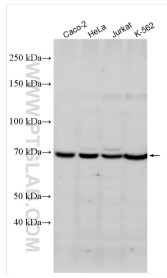
For technical support and original validation data for this product please contact:

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

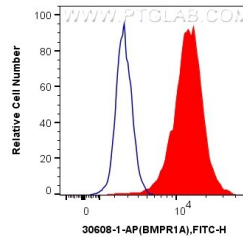
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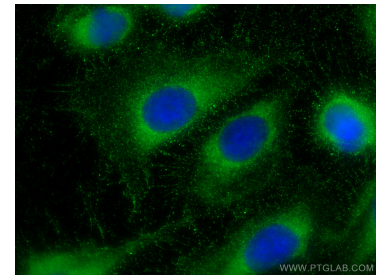
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30608-1-AP (BMPR1A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human BMPR1A (30608-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using BMPR1A antibody (30608-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).