

For Research Use Only

BMPR1A Polyclonal antibody

Catalog Number: 30608-1-AP



Basic Information

Catalog Number:

30608-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32959

GenBank Accession Number:

BC028383

GeneID (NCBI):

657

UNIPROT ID:

P36894

Full Name:

bone morphogenetic protein receptor,
type IA

Calculated MW:

532 aa, 60 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : Caco-2 cells, HeLa cells, Jurkat cells, K-562 cells

IF/ICC : 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

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

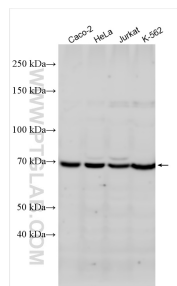
T: 4006900926

E: Proteintech-CN@ptglab.com

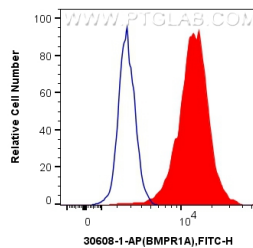
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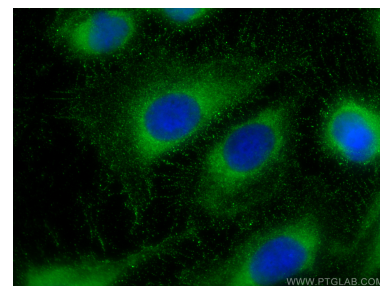
Selected Validation Data



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 Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-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 Goat Anti-Rabbit IgG(H+L).