BMPR1A Polyclonal antibody

Catalog Number:30608-1-AP

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Basic Information

Catalog Number:
30608-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop;

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:
60-68 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℃. 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
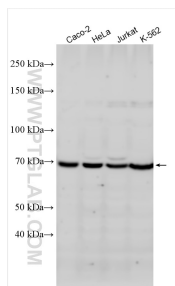
*** 20ul sizes contain 0.1% BSA

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.
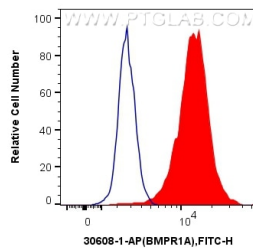
1X10^6 Jurkat cells were intracellularly stained with 0.4 ug Anti-Human BMPR1A (30608-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).
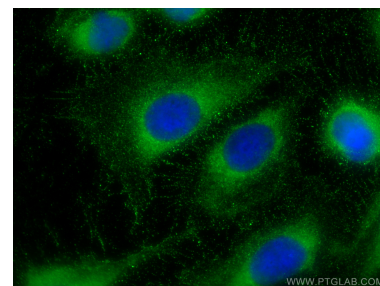
Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using BMPR1A antibody (30608-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).