

For Research Use Only

BMPR1A Recombinant antibody

Catalog Number: 82928-1-RR



Basic Information

Catalog Number:

82928-1-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3410

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 kDa

Purification Method:

Protein A purification

CloneNo.:

230137B7

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, FC (Intra), IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB: Jurkat cells, U2OS cells, HEK-293 cells, mouse heart tissue

IP: HEK-293 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

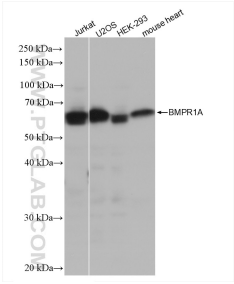
For technical support and original validation data for this product please contact:

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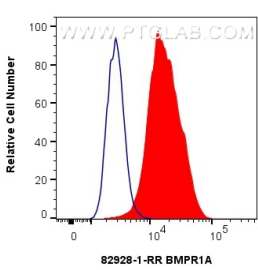
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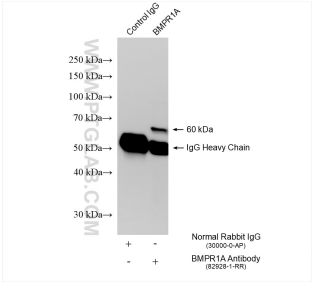
Selected Validation Data



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.



1×10^6 MCF-7 cells were intracellularly stained with 0.25 μ g BMPR1A Recombinant antibody (82928-1-RR, Clone:230137B7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



IP result of anti-BMPR1A (IP:82928-1-RR, 4 μ g; Detection:82928-1-RR 1:2000) with HEK-293 cells lysate 1920 μ g.