For Research Use Only

ACVRL1 Recombinant monoclonal antibody, PBS Only

Catalog Number:84421-3-PBS

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Basic Information

Catalog Number:
84421-3-PBS

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC042637

GeneID (NCBI):
94

UNIPROT ID:
P37023

Full Name:
activin A receptor type II-like 1

Calculated MW:
56 kDa

Observed MW:
63 kDa

Purification Method:
Protein A purification

CloneNo.:
241686H2

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

ACVRL1 (ALK1) is a type I cell-surface receptor for the TGF-beta superfamily of ligands. It shares with other type I receptors a high degree of similarity in serine-threonine kinase subdomains, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. ACVRL1 is highly expressed in endothelial cells and has a critical role in the control of blood vessel development and repair (PMID: 8640225). Mutations in the ACVRL1 gene are associated with hemorrhagic telangiectasia type 2.

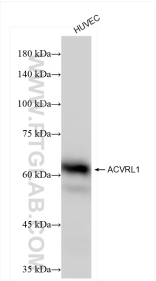
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 84421-3-RR (ACVRL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84421-3-PBS in a different storage buffer formulation.