

For Research Use Only

ACVRL1 Recombinant antibody, PBS Only

Catalog Number: 84421-3-PBS



Basic Information

Catalog Number:

84421-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS Only

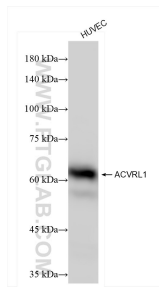
For technical support and original validation data for this product please contact:

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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.