

ACVRL1 Monoclonal antibody, PBS Only

Catalog Number: 66857-1-PBS

Basic Information

Catalog Number: 66857-1-PBS	GenBank Accession Number: BC042637	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 94	CloneNo.: 2E11B10
Source: Mouse	UNIPROT ID: P37023	
Isotype: IgG1	Full Name: activin A receptor type II-like 1	
Immunogen Catalog Number: AG6446	Calculated MW: 56 kDa	
	Observed MW: 56 kDa, 63 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human, Mouse

Background Information

ACVRL1 (also known as 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

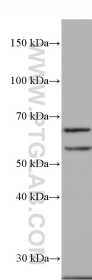
For technical support and original validation data for this product please contact:

T: 4006900926

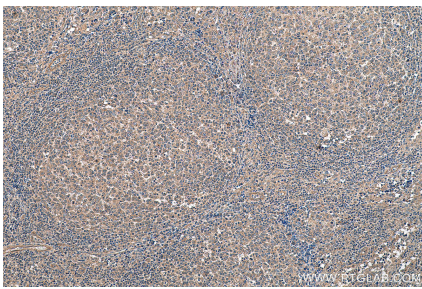
E: Proteintech-CN@ptglab.comW: ptgcn.com

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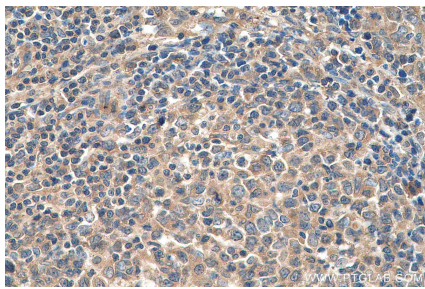
Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 66857-1-Ig (ACVRL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66857-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66857-1-Ig (ACVRL1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66857-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 66857-1-Ig (ACVRL1 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66857-1-PBS in a different storage buffer formulation.