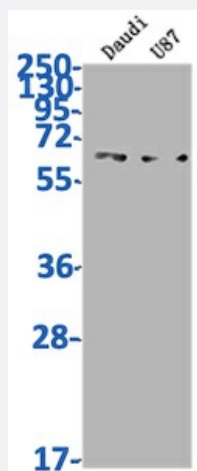


RecomAb™

ACVRL1 recombinant monoclonal antibody, clone 8B6

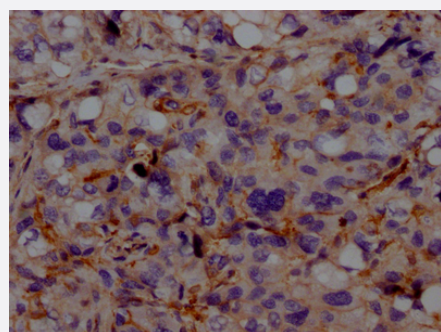
Catalog # RAB04092 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: Daudi whole cell lysate; Lane 2: U87 whole cell lysate.



Immunohistochemistry

Immunohistochemistry image of ACVRL1 recombinant monoclonal antibody, clone 8B6 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ACVRL1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human ACVRL1.
Reactivity	Human

Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: Daudi whole cell lysate; Lane 2: U87 whole cell lysate.

- Immunohistochemistry

Immunohistochemistry image of ACVRL1 recombinant monoclonal antibody, clone 8B6 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ACVRL1

Entrez GeneID	94
Protein Accession#	P37023
Gene Name	ACVRL1
Gene Alias	ACVRLK1, ALK-1, ALK1, HHT, HHT2, ORW2, SKR3, TSR-I
Gene Description	activin A receptor type II-like 1
Omim ID	600376 601284
Gene Ontology	Hyperlink

Gene Summary

This gene encodes 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. The encoded protein, sometimes termed ALK1, shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases. Mutations in this gene are associated with hemorrhagic telangiectasia type 2, also known as Rendu-Osler-Weber syndrome 2. [provided by RefSeq]

Other Designations

TGF-B superfamily receptor type II|activin A receptor, type II-like kinase 1|serine/threonine-protein kinase receptor R3

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Anemia](#)
- [Arteriovenous Malformations](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Central Nervous System Vascular Malformations](#)
- [Chromosome Aberrations](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Epistaxis](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Hyperparathyroidism](#)
- [Hyperplasia](#)
- [Hypertension](#)

- [Intracranial Aneurysm](#)
- [Intracranial Arteriovenous Malformations](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Telangiectasia](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)