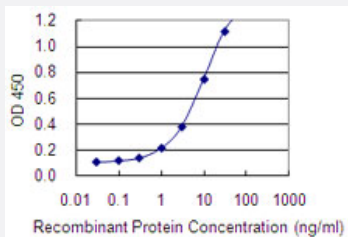


ACVRL1 monoclonal antibody (M09), clone 1E7

Catalog # H00000094-M09

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACVRL1 is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ACVRL1.
Immunogen	ACVRL1 (AAH42637, 22 a.a. ~ 119 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DPVKPSRGPLVTCTCESPHCKGPTCRGAWCTVVLVREEGRHPQEHRGCGNLHRELGRPTE FVNHYCCDSHLCNHNVSLEATQPPSEQPGTDGQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (69); Rat (73)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACVRL1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ACVRL1

Entrez GeneID [94](#)

GeneBank Accession# [BC042637](#)

Protein Accession# [AAH42637](#)

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](#)