

Anti-ALK-1 Antibody (3M872)

Product Details

Ig Type:	Human IgG2
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3M872
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. The Binding Activity of Human ACVRL1 with Anti-ACVRL1 recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human ACVRL1 at 2 µg/mL can bind Anti-ACVRL1 recombinant antibody, the EC50 is 2.417-2.971ng/mL.</p> <p>2. The Binding Activity of Cynomolgus ACVRL1 with Anti-ACVRL1 recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus ACVRL1 at 2 µg/mL can bind Anti-ACVRL1 recombinant antibody. The EC50 is 6.893-8.194 ng/mL.</p>
Application:	ELISA

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human ACVRL1 Protein
Antigen Species:	Human
Gene ID:	94
Uniprot ID:	P37023
Synonyms:	ACVRLK1;HHT2;HHT;TSR-I;SKR3;ALK1;ALK-1;ACVRL1;activin A receptor type II-like 1;ORW2
Biology Area:	Immunology, Stem cells

Research Background

Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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