

Anti-ACVRL1 / ALK-1 Reference Antibody (ascrinvacumab)

Recombinant Antibody

Catalog # APR10390

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P37023
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	56124

Additional Information

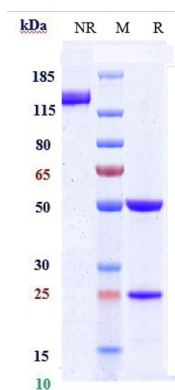
Target/Specificity	ACVRL1 / ALK-1
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

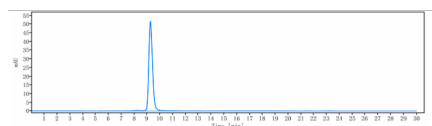
Name	ACVRL1
Synonyms	ACVRLK1, ALK1
Function	Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.
Cellular Location	Cell membrane; Single-pass type I membrane protein

Images

Anti-ACVRL1 / ALK-1 Reference Antibody (ascrinvacumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is



greater than 90%



The purity of Anti-ACVRL1 / ALK-1 Reference Antibody (ascrinvacumab) is more than 95% ,determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.