10320 Camino Santa Fe, Suite G
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Anti-ACVRL1 / ALK-1 Reference Antibody (ascrinvacumab)

Recombinant Antibody
Catalog # APR10390

Specification

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

Application	**FC, Kinetics, Animal Model**
Primary Accession	P37023
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**145 KDa**

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

Target/Specificity
ACVRL1 / ALK-1

Endotoxin
< 0.001EU/ μg,determined by LAL method.

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.

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

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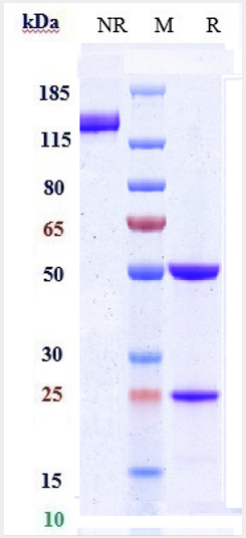
Anti-ACVRL1 / ALK-1 Reference Antibody (ascrinvacumab) - Protocols

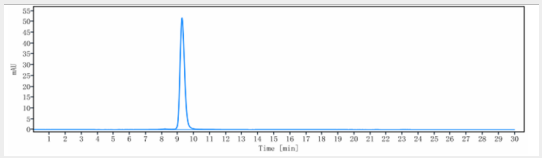
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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