

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

Recombinant Antibody Catalog # APR10390

### **Product Information**

**Application** FC, Kinetics, Animal Model

Primary Accession
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

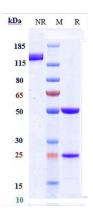
transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate

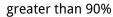
SMAD transcriptional regulators. May bind activin as well.

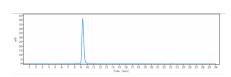
**Cellular Location** Cell membrane; Single-pass type I membrane protein

## **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







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'.