Anti-ACVRL1 / ALK-1 Reference Antibody (ascrinvacumab)<br>Recombinant Antibody<br>Catalog \# APR10390

## Specification

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

Application
Primary Accession
Reactivity
Clonality
Isotype
Calculated MW

FC, E, FTA
P37023
Cynomolgus, Human
Monoclonal
IgG2SA
145 KDa

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

## Target/Specificity <br> ACVRL1 / ALK-1

Endotoxin
$<0.001 \mathrm{EU} / \mu \mathrm{g}$,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.

Storage
$-80^{\circ} \mathrm{C}$ for 2 years under sterile conditions $\square-20^{\circ} \mathrm{C}$ for 1 year under sterile conditions $\square$ Avoid repeated freeze-thaw cycles.

## 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

## 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.

