Anti-ACVR2A Reference Antibody (Ab-14E1)
Recombinant Antibody
Catalog # APR10765

Specification

Anti-ACVR2A Reference Antibody (Ab-14E1) - Product Information

Application	**FC, E, FTA**
Primary Accession	P27037
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**150 KDa**

Anti-ACVR2A Reference Antibody (Ab-14E1) - Additional Information

Target/Specificity
ACVR2A

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.

Storage
-80°C for 2 years under sterile conditions☐ -20°C for 1 year under sterile conditions☐Avoid repeated freeze-thaw cycles.

Anti-ACVR2A Reference Antibody (Ab-14E1) - Protein Information

Name ACVR2A (HGNC:173)

Synonyms ACVR2

Function
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. Receptor for activin A, activin B and inhibin A (PubMed:17911401). Mediates induction of adipogenesis by GDF6 (By similarity).

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:P27038}; Single-pass type I membrane protein

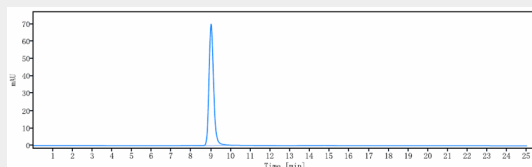**Anti-ACVR2A Reference Antibody (Ab-14E1) - Protocols**

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-ACVR2A Reference Antibody (Ab-14E1) - Images
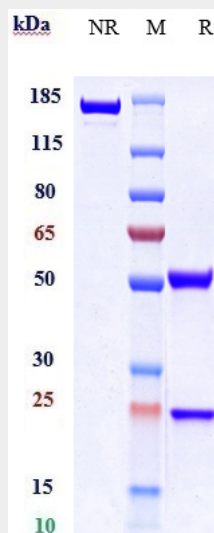
Anti-ACVR2A Reference Antibody (Ab-14E1) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

The purity of Anti-ACVR2A Reference Antibody (Ab-14E1)is more than 95% ,determined by SEC-HPLC.