

Anti-ACVR2A Reference Antibody (Ab-14E1)

Recombinant Antibody
Catalog # APR10765

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P27037
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	57848

Additional Information

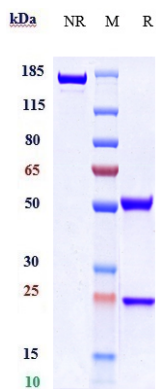
Target/Specificity	ACVR2A
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Protein Information

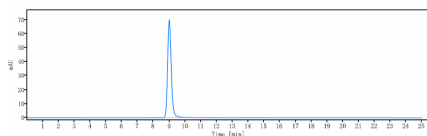
Name	ACVR2A (HGNC:173)
Synonyms	ACVR2
Function	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for activin A, activin B and inhibin A (PubMed: 17911401 , PubMed: 10652306). Mediates induction of adipogenesis by GDF6 (By similarity).
Cellular Location	Cell membrane {ECO:0000250 UniProtKB:P27038}; Single-pass type I membrane protein

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.

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