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Product Information

Recombinant Human Anti-Human ACVR2A Monoclonal Antibody

Cat. No.: **HOM-19209**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant humanized antibody expressed in CHO binding to human ACVR2A.

Antigen Description

Activin receptor type-2A is a protein that in humans is encoded by the ACVR2A gene.[1][2][3] ACVR2A is an activin type 2 receptor.

Target

ACVR2A

Species Reactivity

Human

Type

Human IgG

Expression Host

CHO

Clone

Monoclonal

Purity

>95.0% as determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

ELISA, WB, IHC, FCM, IP, IF. Optimal dilutions/concentrations should be determined by the end user.

Molecular Weight

145.41 kDa

Stability

Samples are stable for up to twelve months from date of receipt at - 20°C and are stable for six months at 4 °C.

Storage

Store it under sterile conditions at -20 °C upon receiving. Recommend to pack the antibody into smaller quantities for optimal storage.

Ship

2-8°C, BLUE ICE

ANTIGEN GENE INFOMATION

Gene Name

ACVR2A activin A receptor, type IIA [Homo sapiens]

Official Symbol

ACVR2A

Synonyms

ACVR2A; activin A receptor, type IIA; activin A receptor, type II , ACVR2; activin receptor type-2A; ACTRII; ACVR2;

Gene ID

92

mRNA Refseq

NM_001616

Protein Refseq

NP_001607

MIM

102581

UniProt ID

P27037

Chromosome Location

2q22.2-q23.3

Pathway

ALK1 signaling events, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Developmental Biology, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem;

Function

ATP binding; contributes_to activin binding; activin receptor activity, type II; contributes_to activin-activated receptor activity; coreceptor activity; growth factor binding; inhibin beta-A binding; inhibin beta-B binding; metal ion binding; nucleotide binding; protein binding; contributes_to protein binding; protein self-association; protein serine/threonine kinase activity; receptor activity; receptor signaling protein serine/threonine kinase activity; transforming growth factor beta-activated receptor activity; transmembrane receptor protein serine/threonine kinase activity;

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