

À des fins de recherche uniquement

Anticorps Monoclonal anti-ACVR1

Numéro de catalogue: 60014-1-Ig



Informations de base

Numéro de catalogue:

60014-1-Ig

Numéro d'acquisition GenBank:

BC033867

Méthode de purification:

Précipitation de l'acide caprylique/du sulfate d'ammonium

Taille:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

90

CloneNo.:

2G1B1

Hôte:

Mouse

Nom complet:

activin A receptor, type I

MW calculé

509 aa, 57 kDa

Isotype:

IgG1

MW observés:

57 kDa

Immunogen Catalog Number:

AG1556

Applications

Applications testées:

ELISA

Spécificité de l'espèce:

Humain, souris

Informations générales

ACVR1 (activin receptor type I), also known as ALK2 or ACTRI, is a receptor for activin. It forms a stable complex with type II receptor after ligand binding. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling, and type II receptors are required for binding ligands and for expression of type I receptors. ACVR1 is expressed in many tissues including skeletal muscle and chondrocytes. It functions as a receptor for bone morphogenetic protein (BMP) and induces Indian hedgehog in chondrocytes during skeletal development. Mutations in ACVR1 gene are associated with fibrodysplasia ossificans progressive (PMID: 16642017).

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:

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