

Nur für Forschungszwecke

# ACVR1 Monoklonaler Antikörper

Katalog-Nr.:60014-1-Ig



## Allgemeine Informationen

**Katalog-Nr.:**

60014-1-Ig

**Größe:**

150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Maus

**Isotyp:**

IgG1

**Immunogen Katalognummer:**

AG1556

**GenBank-Zugangsnummer:**

BC033867

**GeneID (NCBI):**

90

**Vollständiger Name:**

activin A receptor, type I

**Berechnete Masse:**

509 aa, 57 kDa

**Beobachtete Masse:**

57 kDa

**Reinigungsmethode:**

Caprylsäure/Ammoniumsulfat-Präzipitation

**CloneNo.:**

2G1B1

## Anwendungen

**Geprüfte Anwendungen:**

ELISA

**Getestete Reaktivität:**

Human, Maus

## Hintergrundinformationen

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).

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

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

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