

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ACVR1

Numéro de catalogue: **CL594-67417**



## Informations de base

Numéro de catalogue: CL594-67417	Numéro d'acquisition GenBank: BC033867	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by 90 Nanodrop;	Identification du gène (NCBI): 90	CloneNo.: 1F11B10
Hôte: Mouse	Nom complet: activin A receptor, type I	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 509 aa, 57 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG13508		

## Applications

Applications testées: IF	Contrôles positifs: IF : tissu cérébral de souris,
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. Éviter toute exposition à la lumière.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

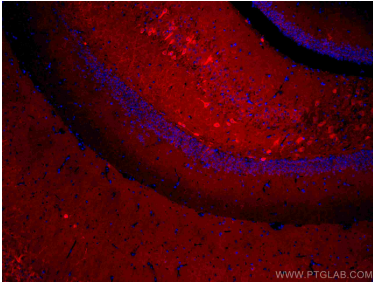
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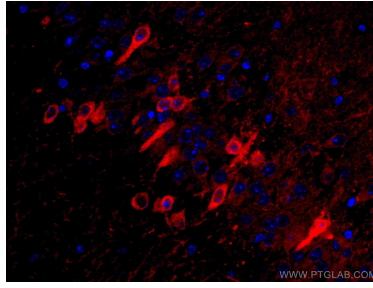
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W: [ptglab.com](http://ptglab.com)

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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 ACVR1 antibody (CL594-67417, Clone: 1F11B10) at dilution of 1:200.



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