

For Research Use Only

ACVR1B Recombinant antibody, PBS Only



Catalog Number: 83026-5-PBS

Basic Information

Catalog Number: 83026-5-PBS	GenBank Accession Number: BC000254	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 91	CloneNo.: 230260E12
Source: Rabbit	UNIPROT ID: P36896	
Isotype: IgG	Full Name: activin A receptor, type 1B	
Immunogen Catalog Number: AG0129	Calculated MW: 57 kDa	

Applications

Tested Applications:
IF, Indirect ELISA

Species Specificity:
Human, mouse

Background Information

ACVR1B (ALK4, activin A receptor type 1B) is a transforming growth factor-beta (TGF-beta) superfamily member (PMID: 37020544). A potential role for ACVR1B in regulating muscle mass is that it is part of the transforming growth factor b (TGFB) pathway regulating myostatin (PMID: 21063444).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

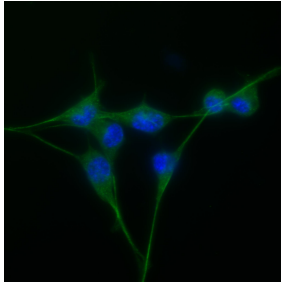
T: 4006900926

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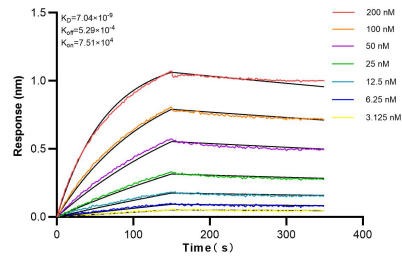
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using ACVR1B antibody (83026-5-RR, Clone: 230260E12) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83026-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83026-5-RR against Human ACVR1B were performed. The affinity constant is 16.1 nM.