

Datasheet for ABIN513099
anti-ACVR1 antibody (AA 21-120)



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3 Images

Overview

Quantity:	100 µg
Target:	ACVR1 (ACRV1)
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACVR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ACVR1.
Immunogen:	ACVR1 (AAH33867, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MEDEKPKVNP KLYMVCVCEGL SCGNEDHCEG QQCFSSLSIN DGFHVYQKGC FQVYEQGKMT CKTPSPGQA VECCQGDWCN RNITAQLPTK GKSFPQTQNF
Clone:	2D5
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ACVR1 (ACRV1)
Alternative Name:	ACVR1 (ACRV1 Products)
Background:	Full Gene Name: activin A receptor, type I Synonyms: ACTRI,ACVR1A,ACVRLK2,ALK2,FOP,SKR1,TSRI
Gene ID:	90

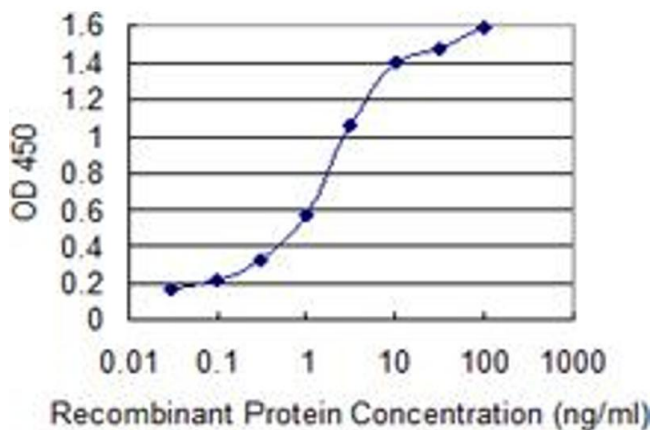
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

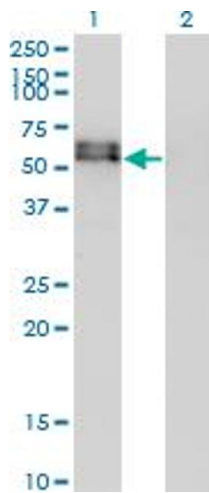
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged ACVR1 is 0.03 ng/ml as a capture antibody.

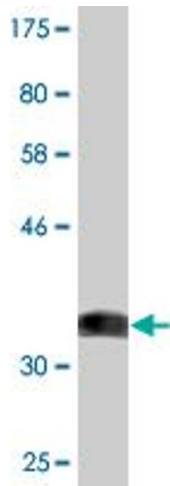


Western Blotting

Image 2. Western Blot analysis of ACVR1 expression in transfected 293T cell line by ACVR1 monoclonal antibody (M07), clone 2D5.

Lane 1: ACVR1 transfected lysate (Predicted MW: 57.2 kDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (36.63 kDa).