

Datasheet for ABIN1099813

anti-ACVR1 antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ACVR1 (ACRV1)
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant protein corresponding to Asp23-Glu123 of human Activin Receptor Type IA expressed in Sf21 cells (Q04771). Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes human Activin Receptor Type IA (RIA). Shows <1 % crossreactivity with recombinant human Activin RIB, Activin RIIA and Activin RIIB.
Purification:	Immunoaffinity purified

Target Details

Target:	ACVR1 (ACRV1)
Alternative Name:	ALK2 / ACVR1 (ACRV1 Products)

Target Details

Background:	Name/Gene ID: ACVR1 Subfamily: Activin/TGFb Family: Protein Kinase Synonyms: ACVR1, Activin A receptor type I, Activin A receptor, type I, ACTR-I, ActRIA, ACVR1A, ALK2, Activin receptor-like kinase 2, Activin receptor type-1, ACTRI, ACVRLK2, ALK-2, Activin receptor type I, Actr1, FOP, Hydroxyalkyl-protein kinase, SKR1, TSRI, TSR-I, Tsk7L
Gene ID:	90
UniProt:	Q04771

Application Details

Application Notes:	Approved: ELISA (0.5 - 1 µg/mL), Flo, IHC, WB (0.1 - 0.2 µg/mL) Usage: Suitable for use in Flow Cytometry, ELISA, Western Blot, Immunohistochemistry. Flow Cytometry: 2.5 µg/10 ⁶ cells (PC-3 human prostate cancer cell line). ELISA: 0.5-1.0 µg/mL. Western Blot: 0.1-0.2 µg/mL. Immunohistochemistry: 5-15µm.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with 500 µL sterile PBS
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.4, 5 % trehalose
Storage:	-20 °C
Storage Comment:	Lyophilized powder may be stored at -20°C for short-term only. Aliquot and store at -20°C. Reconstituted product is stable for 1 year at -20°C.