

Datasheet for ABIN1099822

anti-Activin A Receptor Type IB/ALK-4 antibody (C-Term)[Go to Product page](#)**2** Images

Overview

Quantity:	0.05 mg
Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Activin A Receptor Type IB/ALK-4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Isotype:	IgG
Specificity:	At least three isoforms of ACVR1B are known to exist. This antibody is predicted to have no cross-reactivity to ACVR1 or ACVR1C.
Purification:	Immunoaffinity purified

Target Details

Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Alternative Name:	ACVR1B / ALK4 (ACVR1B Products)

Target Details

Background:	Name/Gene ID: ACVR1B
	Subfamily: Activin/TGFb
	Family: Protein Kinase
	Synonyms: ACVR1B, ACTR-IB, ACTRIB, ALK4, Activin receptor type IB, Activin A Receptor Type IB, Activin A receptor, type IB, Activin receptor-like kinase 4, ACVRLK4, ALK-4, Activin receptor type-1B, SKR2-2, SKR2

Gene ID:	91
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UniProt:	Q04771
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Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (1 µg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment:	Target Species of Antibody: Human
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Restrictions:	For Research Use only
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Handling

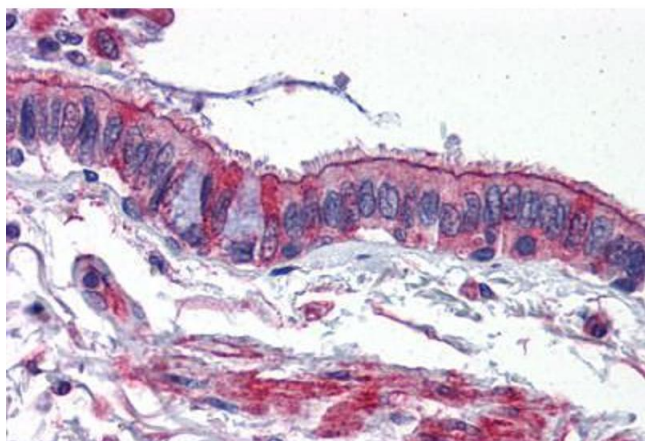
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles. Store undiluted.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Store at 4°C for 3 months and -20°C, stable for up to 1 year. Avoid repeated freeze-thaw cycles.

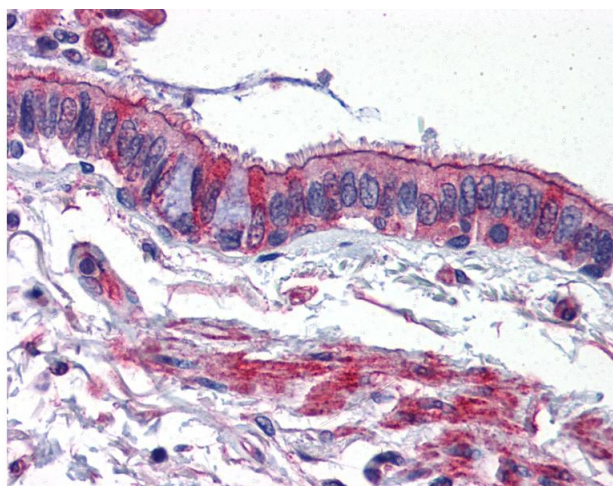
Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Anti-ACVR1 antibody IHC staining of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1099822 concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-ACVR1 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.