

Datasheet for ABIN7148650

anti-Coxsackie Adenovirus Receptor antibody (AA 259-365) (Biotin)



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Overview

Quantity:	100 µg
Target:	Coxsackie Adenovirus Receptor (CXADR)
Binding Specificity:	AA 259-365
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Coxsackie Adenovirus Receptor antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Coxsackievirus and adenovirus receptor protein (259-365AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Coxsackie Adenovirus Receptor (CXADR)
Alternative Name:	CXADR (CXADR Products)
Background:	Background: Component of the epithelial apical junction complex that may function as an homophilic cell adhesion molecule and is essential for tight junction integrity. Also involved in

Target Details

transepithelial migration of leukocytes through adhesive interactions with AMICA1/JAML a transmembrane protein of the plasma membrane of leukocytes. The interaction between both receptors also mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, AMICA1 induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and production of cytokines and growth factors by T-cells that in turn stimulate epithelial tissues repair.

Aliases: 46 kD coxsackievirus and adenovirus receptor CAR protein antibody, 46 kD coxsackievirus and adenovirus receptor protein antibody, CAR antibody, CAR4/6 antibody, Coxsackie virus and adenovirus receptor antibody, Coxsackie virus B receptor antibody, Coxsackievirus and adenovirus receptor antibody, Coxsackievirus B adenovirus receptor antibody, Coxsackievirus B-adenovirus receptor antibody, CVB3 binding protein antibody, CVB3-binding protein antibody, Cxadr antibody, CXADR Ig like cell adhesion molecule antibody, CXAR_HUMAN antibody, hCAR antibody, HCVADR antibody

UniProt: [P78310](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.