Coxsackie Adenovirus Receptor Antibody PE Conjugated

Catalog No: #C04071P

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Coxsackie Adenovirus Receptor Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 20-70 365 derived from human Coxsackie Adenovirus Receptor
Conjugates	PE
Target Name	Coxsackie Adenovirus Receptor
Other Names	CAR; HCAR; CAR4 6; Coxsackievirus and adenovirus receptor; CVB3-binding protein; Coxsackievirus B-adenovirus receptor; HCVADR; CXADR
Accession No.	Swiss-Prot#P78310NCBI Gene ID1525
Uniprot	P78310
GeneID	1525;
Excitation Emission	480,565nm 578nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

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 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.

Note: This product is for in vitro research use only