bs-2389R **[Primary Antibody]**

Coxsackie Adenovirus Receptor Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1525 **SWISS:** P78310

Target: Coxsackie Adenovirus Receptor

Immunogen: KLH conjugated synthetic peptide derived from human Coxsackie Adenovirus Receptor: 21-120/365.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Coxsackie and adenovirus receptor (CAR), also known as CXADR is a component of the epithelial apical junction complex that is essential for the tight junction integrity. It is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Pseudogenes of this gene are found on chromosomes 15, 18, and 21.It is proposed to function as a homophilic cell adhesion molecule and recruits MPDZ to intercellular contact sites. CAR is probably involved in transepithelial migration of polymorphonuclear leukocytes (PMN) through adhesive interactions with AMICA1/JAML located in the plasma membrane of PMN.

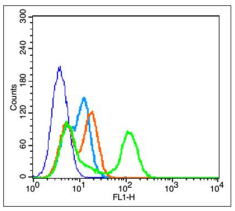
Applications: **Flow-Cyt** (1µg/Test)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW.: 38 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Blank control(Blue):A549 (fixed with 2% paraformaldehyde for 10 min at 37°C). Primary Antibody:Rabbit Anti-Coxsackie Adenovirus Receptor antibody (bs-2389R,Green); Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG(orange) ,used under the same conditions; Secondary Antibody: Goat anti-rabbit IgG-FITC(white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA.

SELECTED CITATIONS

- **[IF=14.188]** Jae Won Song. et al. Isolation and Genomic Analysis of Single Circulating Tumor Cell Using Human Telomerase Reverse Transcriptase and Desmoglein-2. 2022 Jan 17 WB ;Human. 35038250
- **[IF=4.717]** Morio Yamazaki. et al. Soluble JAM-C Ectodomain Serves as the Niche for Adipose-Derived Stromal/Stem Cells. Biomedicines. 2021 Mar;9(3):278 WB,IHC ;Mouse. 33801826
- **[IF=3.51]** Wang MJ et al. Baicalin Inhibits Coxsackievirus B3 Replication by Reducing Cellular Lipid Synthesis. Am J Chin Med. 2020;48(1):143-160. WB ;Human. 31903780

- **[IF=2.598]** Mokhashi N et al. Transduction Efficiency of Adenovirus Vectors in Endothelial Cells and Vascular Smooth Muscle Cells. J Cardiovasc Pharmacol. 2020 Jun;75(6):603-607. IF,WB ;Rat. 32168154