

Coxsackie Adenovirus Receptor Rabbit pAb

Catalog Number: bs-2389R

Target Protein: Coxsackie Adenovirus Receptor

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1µg/Test)

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

Predicted MW: 38 kDa

Entrez Gene: 1525

Swiss Prot: P78310

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

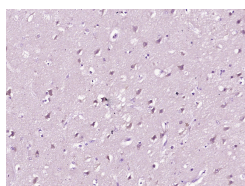
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

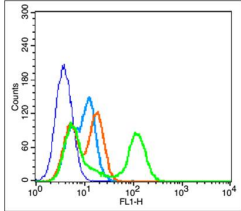
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Coxsackie Adenovirus Receptor) Polyclonal Antibody, Unconjugated (bs-2389R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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.

PRODUCT SPECIFIC PUBLICATIONS

[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