ARG64971
anti-CD321 / JAM1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD321 / JAM1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD321 / JAM1
Species	Human
Immunogen	C-QPSARSEGEFKQTS
Conjugation	Un-conjugated
Alternate Names	JAM-1; JAM1; Junctional adhesion molecule A; CD antigen CD321; JCAM; JAM-A; Junctional adhesion molecule 1; PAM-1; JAM; JAMA; KAT; Platelet F11 receptor; Platelet adhesion molecule 1; CD321

Application Instructions

Application table

Application	Dilution
WB	0.3 - 2 µg/ml

Application Note: WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

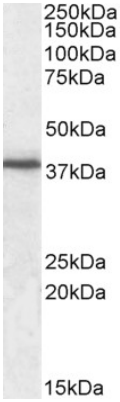
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 50848 Human Swiss-port # Q9Y624 Human
Background	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple 5' alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	33 kDa
PTM	N-glycosylated.

Images



ARG64971 anti-CD321 / JAM1 antibody WB image

Western blot: Human Peripheral Blood Mononucleocyte lysate (35 µg protein in RIPA buffer) stained with ARG64971 anti-CD321 / JAM1 antibody at 0.3 µg/ml dilution.