
Product Name: Junctional Adhesion Molecule 1 Rabbit Monoclonal Antibody**Catalog #: AMRe02181**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.64mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 33 kDa; Observed MW: 33 kDa

Antigen Information

Gene Name	F11R
Alternative Names	F11R; JAM1; JCAM; Junctional adhesion molecule A; JAM-A; Junctional adhesion molecule 1; JAM-1; Platelet F11 receptor; Platelet adhesion molecule 1; PAM-1; CD321
Gene ID	50848
SwissProt ID	Q9Y624
Immunogen	A synthetic peptide of human Junctional Adhesion Molecule 1

Background

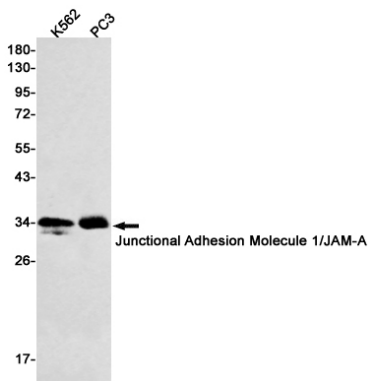
Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits

PARD3. The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier. Involved in platelet activation. In case of orthoreovirus infection, serves as receptor for the virus.

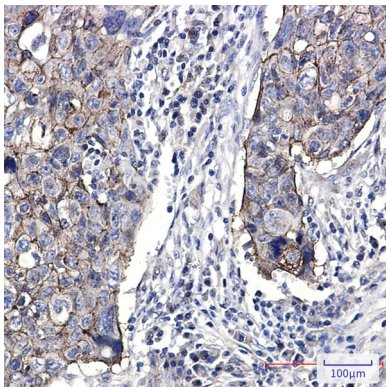
Research Area

Cardiovascular

Image Data



Western blot analysis of Junctional Adhesion Molecule 1/JAMA in K562, PC-3 lysates using Junctional Adhesion Molecule 1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Junctional Adhesion Molecule 1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.