Product Datasheet

Junctional Adhesion Molecule 1 Rabbit mAb

Catalog No: #52378

Package Size: #52378-1 50ul #52378-2 100ul

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

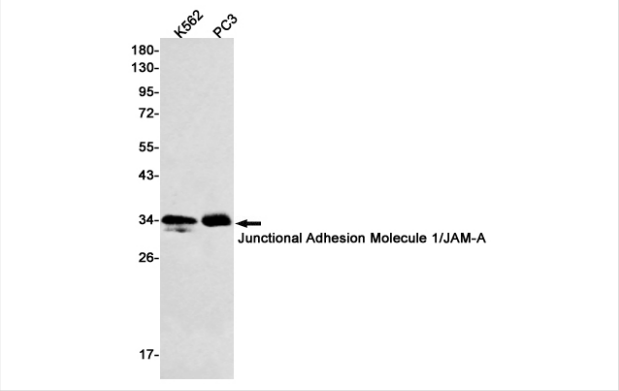
Description

Product Name	Junctional Adhesion Molecule 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-7E5
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Junctional Adhesion Molecule 1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1
Accession No.	Swiss-Prot:Q9Y624GeneID:50848
Uniprot	Q9Y624
GeneID	50848
Calculated MW	Calculated MW: 33 kDa; Observed MW: 33 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

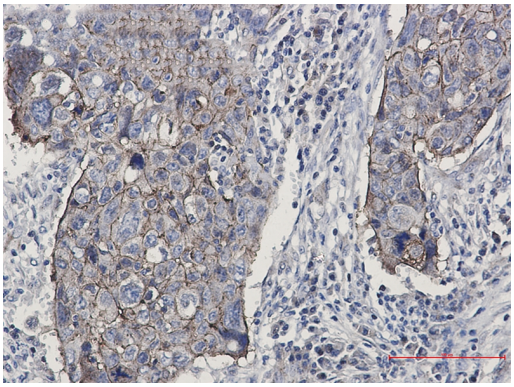
Application Details

WB: 1/2000; IHC: 1/50

Images



Western blot detection of Junctional Adhesion Molecule 1/JAM-A in K562,PC3 cell lysates using Junctional Adhesion Molecule 1/JAM-A Rabbit mAb(1:1000 diluted).Predicted band size:33kDa.Observed band size:33kDa.



Immunohistochemistry of Junctional Adhesion Molecule 1 in paraffin-embedded Human lung cancer tissue using Junctional Adhesion Molecule 1 Rabbit mAb at dilution 1/50

Background

Swiss-Prot Acc.Q9Y624.Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3 (PubMed:11489913). The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly . Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier . Ligand for integrin alpha-L/beta-2 involved in memory T-cell and neutrophil transmigration (PubMed:11812992). Involved in platelet activation (PubMed:10753840).

Note: This product is for in vitro research use only