Datasheet for ABIN7606896

Recombinant anti-F11R antibody

3 Images

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Overview

Quantity:	100 µL
Target:	F11R
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This F11R antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	JAM1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human JAM1
Isotype:	IgG
Specificity:	JAM1 Antibody detects endogenous levels of JAM1
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	F11R
Alternative Name:	JAM1 (F11R Products)

Target Details

Background:	F11R,CD321,JAM,JAM-1,JAM-A,JAM1,JAMA,JCAM,KAT,PAM-1,Junction adhesion molecule 1,
Molecular Weight:	33kDa
UniProt:	Q9Y624
Pathways:	Cell-Cell Junction Organization

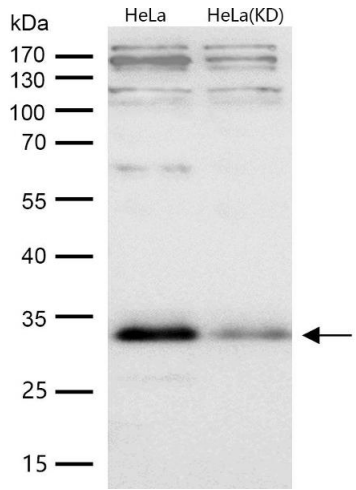
Application Details

Application Notes:	WB 1:500~1:2000 IHC 1:50~1:200
Restrictions:	For Research Use only

Handling

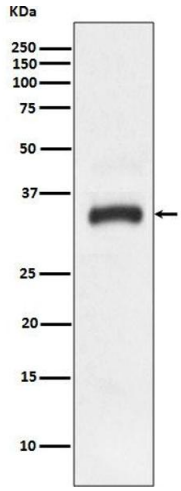
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



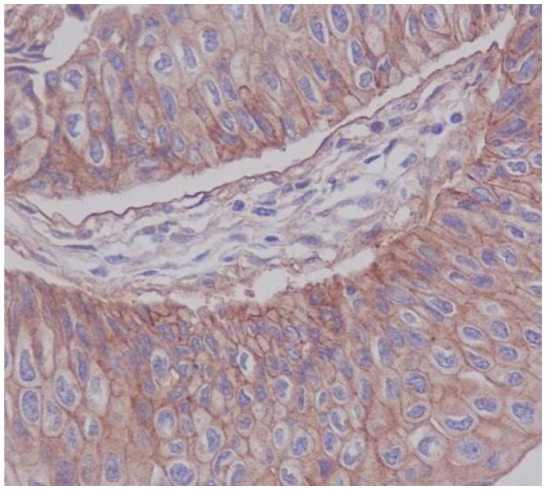
Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. Seems to plays 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.



Western Blotting

Image 2. Western blot analysis of JAM1 expression in HeLa cell lysate.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemical analysis of paraffin-embedded human blader cancer, using JAM1 Antibody.