

For Research Use Only

JAM-A/CD321 Polyclonal antibody

Catalog Number: 16183-1-AP

5 Publications



Basic Information

Catalog Number:

16183-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC001533

GeneID (NCBI):

50848

UNIPROT ID:

Q9Y624

Full Name:

F11 receptor

Calculated MW:

33 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse liver tissue, human peripheral blood platelets

IP : mouse liver tissue,

IHC : human breast cancer tissue,

Background Information

The F11 receptor (F11R) was first identified in human platelets as a 32/35 kDa protein duplex that serves as the receptor for a functional antibody that activates platelets. It seems to play a role in epithelial tight junction formation. It was also reported to function as a receptor for reovirus and a ligand for the integrin LFA1.

Notable Publications

Author	Pubmed ID	Journal	Application
Yongshuai Li	35402226	Front Oncol	WB,IHC
Yilei Jing	34280490	J Chem Neuroanat	WB
Zehua Liu	39173794	Int J Biol Macromol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

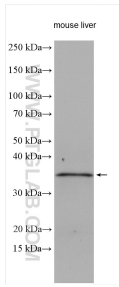
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

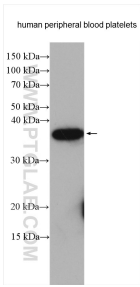
E: proteintech@ptglab.com
W: ptglab.com

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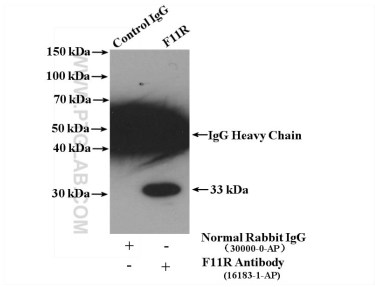
Selected Validation Data



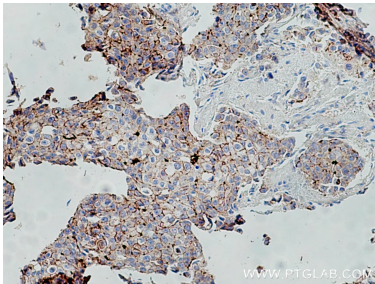
mouse liver tissue were subjected to SDS PAGE followed by western blot with 16183-1-AP (JAM-A/Junctional Adhesion Molecule A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



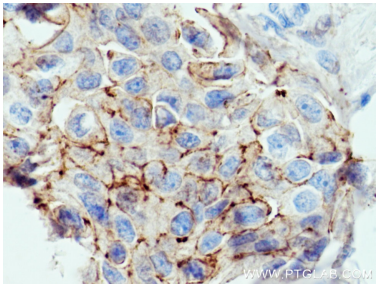
Various lysates were subjected to SDS PAGE followed by western blot with 16183-1-AP (JAM-A/Junctional Adhesion Molecule A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-JAM-A/Junctional Adhesion Molecule A (IP:16183-1-AP, 4ug; Detection:16183-1-AP 1:300) with mouse liver tissue lysate 3000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16183-1-AP (JAM-A/Junctional Adhesion Molecule A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16183-1-AP (JAM-A/Junctional Adhesion Molecule A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).