

For Research Use Only

F11R Polyclonal antibody

Catalog Number: 16183-1-AP **3 Publications**



Basic Information

Catalog Number:

16183-1-AP

Size:

150ul , Concentration: 500 µg/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, IP, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, 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 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
Fangying Yang	36897043	Clin Exp Pharmacol Physiol	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

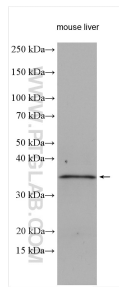
For technical support and original validation data for this product please contact:

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

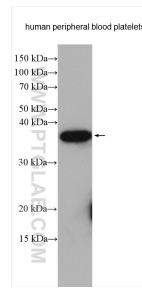
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

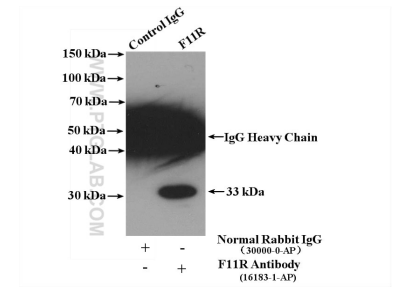
Selected Validation Data



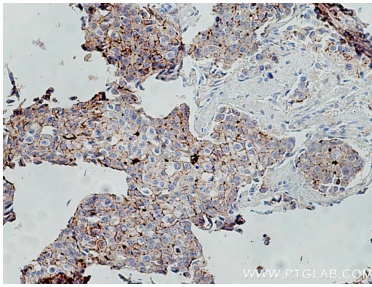
mouse liver tissue were subjected to SDS PAGE followed by western blot with 16183-1-AP (F11R antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



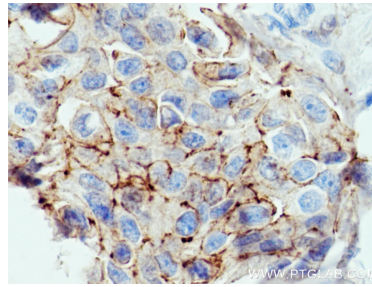
Various lysates were subjected to SDS PAGE followed by western blot with 16183-1-AP (F11R antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-F11R (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 (F11R 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 (F11R antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).