

For Research Use Only

# F11R Polyclonal antibody

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



## Basic Information

**Catalog Number:**

16183-1-AP

**Size:**

500 µg/ml

**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 µg 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 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
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

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

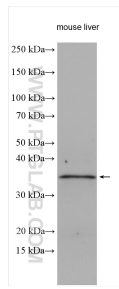
T: 4006900926

E: Proteintech-CN@ptglab.com

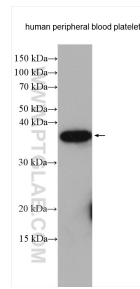
W: ptgcn.com

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

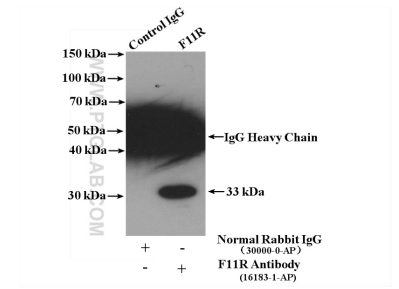
## Selected Validation Data



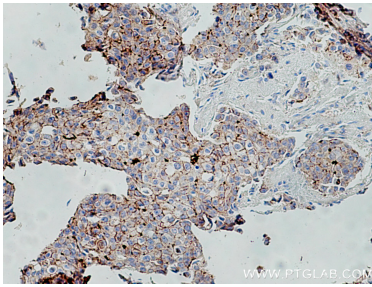
mouse liver tissue were subjected to SDS PAGE followed by western blot with 16183-1-AP (F11R antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



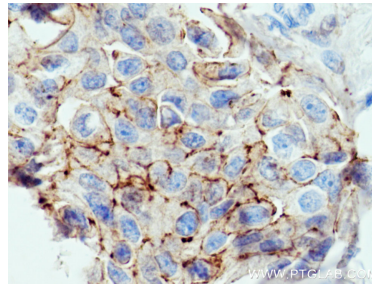
Various lysates were subjected to SDS PAGE followed by western blot with 16183-1-AP (F11R antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).