

For Research Use Only

CD315/PTGFRN Polyclonal antibody, PBS Only

Catalog Number:33863-1-PBS



Basic Information

Catalog Number:

33863-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5010

GenBank Accession Number:

BC152454

GeneID (NCBI):

5738

UNIPROT ID:

Q9P2B2

Full Name:

prostaglandin F2 receptor negative
regulator

Calculated MW:

879 aa, 99 kDa

Observed MW:

100-130 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

PTGFRN (Prostaglandin F2 Receptor Negative Regulator), also known as CD315, is a trans-membrane protein that modulates prostaglandin F2 α signaling and links the tetraspanin web to the cytoskeleton, it is now recognized as a driver of metastasis; high expression correlates with aggressive proliferation, migration, and spheroid growth in epidermoid carcinoma, medulloblastoma, and mesothelioma, while silencing PTGFRN impairs these traits and disrupts autophagy (PMID: 38924562). The calculated value of PTGFRN is 98 kDa. It has multiple glycosylation sites and its molecular weight after glycosylation is approximately 100 - 130 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

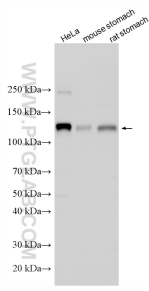
T: 4006900926

E: Proteintech-CN@ptglab.com

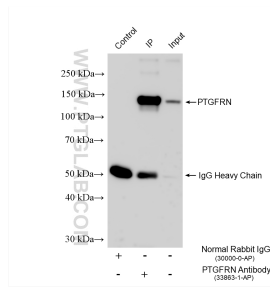
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33863-1-AP (CD315/PTGFRN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33863-1-PBS in a different storage buffer formulation.



IP result of anti-CD315/PTGFRN (IP:33863-1-AP, 4ug; Detection:33863-1-AP 1:300) with HeLa cells lysate 1480 ug. This data was developed using the same antibody clone with 33863-1-PBS in a different storage buffer formulation.