

For Research Use Only

# Flotillin 1 Recombinant antibody, PBS Only

Catalog Number: 83598-4-PBS



## Basic Information

Catalog Number:

83598-4-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7902

GenBank Accession Number:

BC001146

GeneID (NCBI):

10211

UNIPROT ID:

O75955

Full Name:

flotillin 1

Calculated MW:

47 kDa

Observed MW:

47 kDa

Purification Method:

Protein A purification

CloneNo.:

240582G6

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

## Background Information

Flotillins are membrane-associated proteins that contain two homologous isoforms, flotillin 1 (FLOT1) and flotillin 2 (FLOT2). They are highly conserved and widely expressed proteins commonly used as lipid raft markers. Flotillins are involved in various signaling pathways, cell adhesion, membrane trafficking and axonal growth.

## 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

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

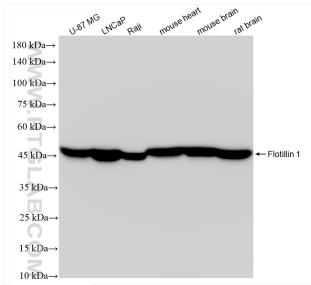
T: 4006900926

E: Proteintech-CN@ptglab.com

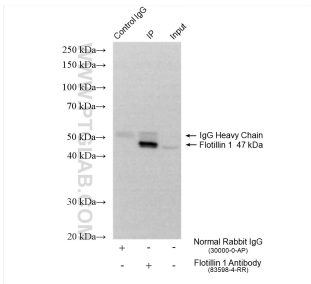
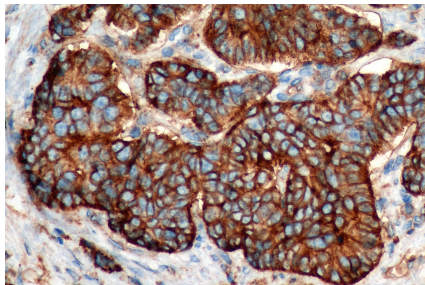
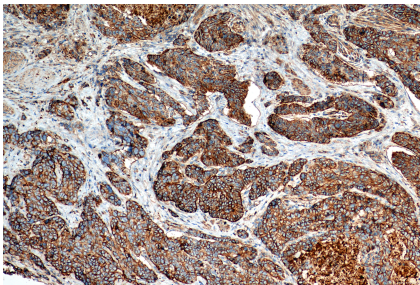
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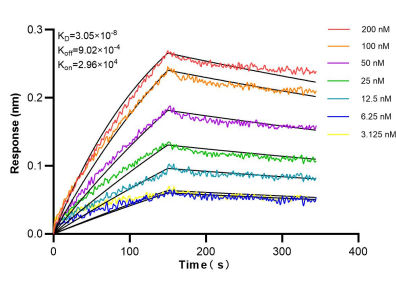
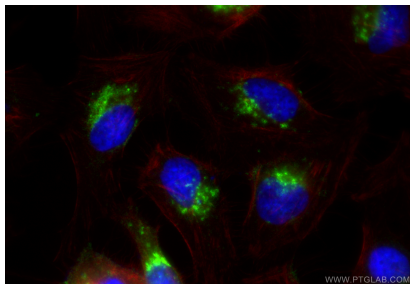
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83598-4-RR (Flotillin 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83598-4-PBS in a different storage buffer formulation.



IP result of anti-Flotillin 1 (IP:83598-4-RR, 4ug; Detection:83598-4-RR 1:3000) with mouse brain tissue lysate 2400 ug. This data was developed using the same antibody clone with 83598-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83598-4-RR against Human Flotillin 1 were performed. The affinity constant is 30.5 nM.