

For Research Use Only

# Flotillin 1 Recombinant antibody

Catalog Number: 83598-4-RR



## Basic Information

Catalog Number:

83598-4-RR

Size:

1000 ug/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

Recommended Dilutions:

WB 1:5000-1:50000

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

IF/ICC 1:125-1:500

## Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : U-87 MG cells, LNCaP cells, Raji cells, mouse heart tissue, mouse brain tissue, rat brain tissue

IP : mouse brain tissue,

IF/ICC : Jurkat cells,

## 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 -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:

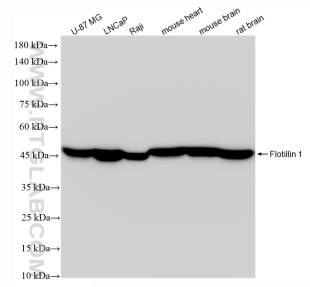
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

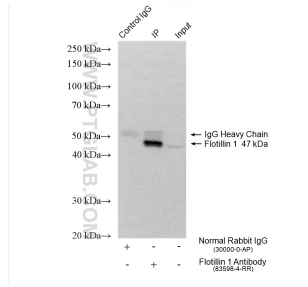
W: [ptgcn.com](http://ptgcn.com)

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

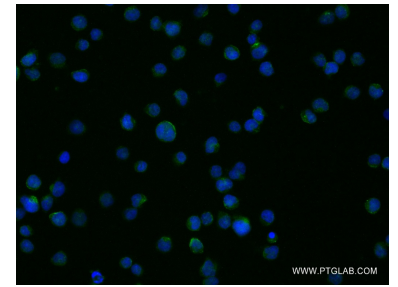
## Selected Validation Data



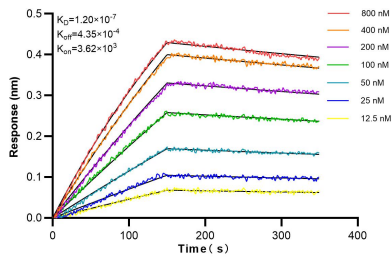
Various lysates were subjected to SDS PAGE followed by western blot with 83598-4-RR (Flotillin 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-Flotillin 1 (IP:83598-4-RR, 4ug; Detection:83598-4-RR 1:3000) with mouse brain tissue lysate 2400 ug.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using Flotillin 1 antibody (83598-4-RR, Clone: 240582G6) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83598-4-RR against Human Flotillin 1 were performed. The affinity constant is 120 nM.