For Research Use Only

## Flotillin 1 Recombinant antibody, PBS Only Catalog Number:83598-4-PBS



Basic Information

Catalog Number: 83598-4-PBS Size: 100ug , Concentration: 1 mg/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG7902 GenBank Accession Number: BC001146 GeneID (NCBI): 10211 UNIPROT ID: 075955 Full Name: flotillin 1 Calculated MW: 47 kDa Observed MW: 47 kDa Purification Method: Protein A purfication 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

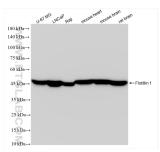
Storage: Store at -80°C. Storage Buffer: PBS only

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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

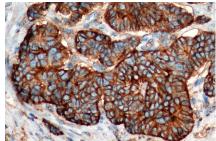
## **Selected Validation Data**

formulation.

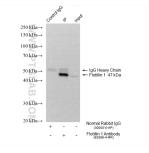




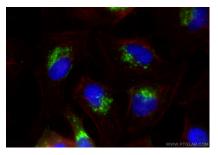
Various lysates were subjected to SDS PAGE followed by western blot with 83598-4-RR (Flotillin 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83598-4-RR (Flotillin 1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83598-4-PBS in a different storage buffer developed using the same antibody clone with 83598-4-PBS in a different storage buffer formulation.



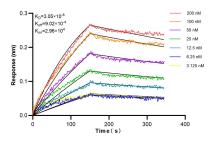
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83598-4-RR (Flotillin 1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83598-4-PBS in 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.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Flotillin 1 antibody (83598-4-RR, Clone: 240582G6) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83598-4-PBS in a different storage buffer formulation formulation.



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