

For Research Use Only

Flotillin 1 Monoclonal antibody

Catalog Number: 67968-1-Ig



Basic Information

Catalog Number:

67968-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG8694

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.:

1D6C6

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

FC, WB, ELISA

Species Specificity:

Human, Mouse, Rat, Pig, Rabbit

Positive Controls:

WB : LNCaP cells, Raji cells, Jurkat cells, MOLT-4 cells, human peripheral blood platelets, pig brain tissue, rabbit brain tissue, rat brain tissue, mouse brain tissue

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 that commonly used as markers of lipid rafts. 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:

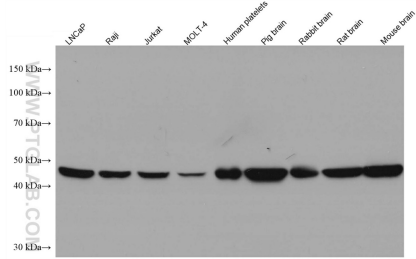
T: 4006900926

E: Proteintech-CN@ptglab.com

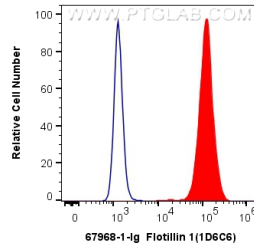
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67968-1-Ig (Flotillin 1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



1×10^6 Raji cells were intracellularly stained with 0.4 ug Anti-Human Flotillin 1 (67968-1-Ig, Clone:1D6C6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2b Isotype Control (MPC-11) (65128-1-Ig, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).