

For Research Use Only

Flotillin 2 Recombinant monoclonal antibody

Catalog Number: 88149-1-RR



Basic Information

Catalog Number: 88149-1-RR	GenBank Accession Number: BC017292	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2319	CloneNo.: 260368C2
Source: Rabbit	UNIPROT ID: Q14254	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: flotillin 2	
Immunogen Catalog Number: AG28308	Calculated MW: 379 aa, 42 kDa Observed MW: 48 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, A549 cells, A375 cells, A431 cells, HEK-293 cells, NIH/3T3 cells, PC-12 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon cancer tissue, IF/ICC : HeLa 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 that commonly used as markers of lipid rafts. Flotillins are involved in various signaling pathways, cell adhesion, membrane trafficking and axonal growth.

Storage

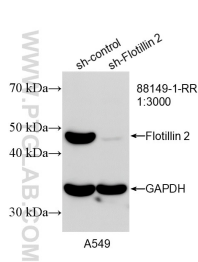
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

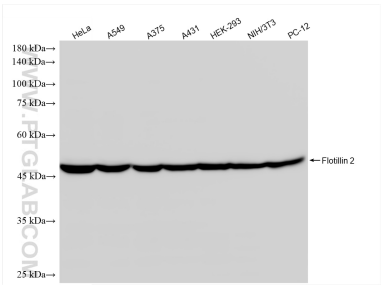
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

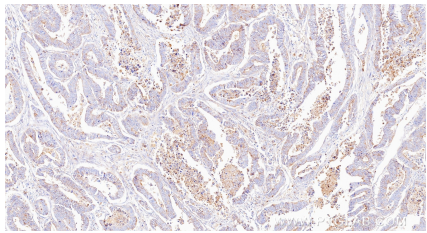
Selected Validation Data



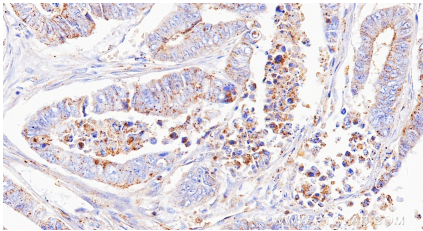
WB result of Flotillin 2 antibody (88149-1-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Flotillin 2 transfected A549 cells.



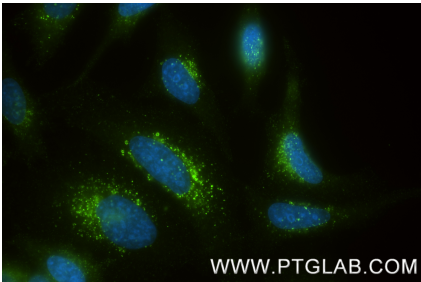
Various lysates were subjected to SDS PAGE followed by western blot with 88149-1-RR (Flotillin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 88149-1-RR (Flotillin 2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 88149-1-RR (Flotillin 2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Flotillin 2 antibody (88149-1-RR, Clone: 260368C2) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).