

For Research Use Only

Flotillin 2 Monoclonal antibody

Catalog Number: 66881-1-Ig **2 Publications**



Basic Information

Catalog Number: 66881-1-Ig	GenBank Accession Number: BC017292	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2319	CloneNo.: 1E11G12
Source: Mouse	Full Name: flotillin 2	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:200-1:800
Isotype: IgG1	Calculated MW: 379 aa, 42 kDa	
Immunogen Catalog Number: AG28308	Observed MW: 45 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB: HeLa cells, pig brain tissue, A431 cells, rabbit brain tissue, rat brain tissue, mouse brain tissue, HEK-293 cells, A549 cells, NIH/3T3 cells
Cited Applications: WB	IHC: human breast cancer tissue,
Species Specificity: Human, Mouse, Rat, Pig, Rabbit	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiangzhi Li	34930675	J Dermatol Sci	WB
Tram Anh Tran	34933013	J Biol Chem	WB

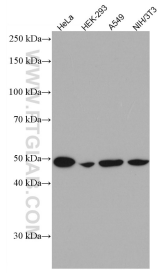
Storage

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

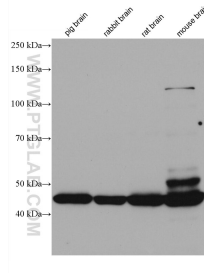
For technical support and original validation data for this product please contact:
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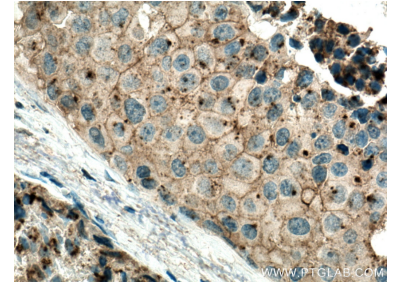
Selected Validation Data



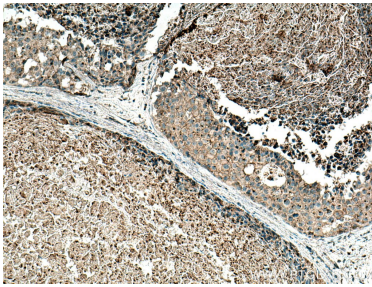
Various lysates were subjected to SDS PAGE followed by western blot with 66881-1-Ig (Flotillin 2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 66881-1-Ig (Flotillin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66881-1-Ig (Flotillin 2 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66881-1-Ig (Flotillin 2 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).