

For Research Use Only

Septin 8 Monoclonal antibody

Catalog Number: 66188-1-Ig



Basic Information

Catalog Number: 66188-1-Ig	GenBank Accession Number: BC001329	Purification Method: Thiophilic affinity chromatograph
Size: 150ul, Concentration: 900 ug/ml by Nanodrop and 707 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23176	CloneNo.: 4A12G9
Source: Mouse	UNIPROT ID: Q92599	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Isotype: IgM	Full Name: septin 8	
Immunogen Catalog Number: AG19114	Calculated MW: 55.6 kDa	
	Observed MW: 50-58 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : HeLa 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 : mouse brain tissue, human gliomas tissue
	IF/ICC : HeLa cells,

Background Information

Septin 8, also named as KIAA0202, is a member of the highly conserved septin family. Septins are membrane-associated GTPases which are involved in cytokinesis and cellular morphogenesis. Septin 8 is an interaction partner of Septin 4. It may play a role in platelet secretion.

Storage

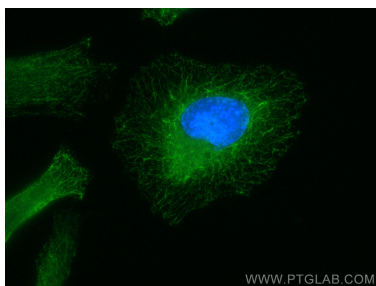
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

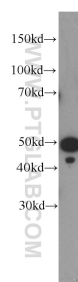
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

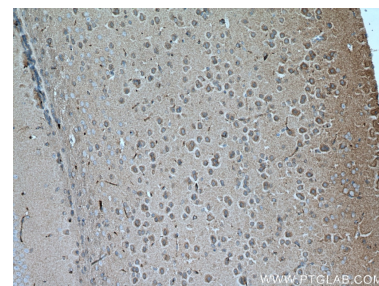
Selected Validation Data



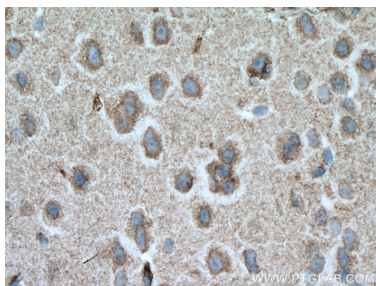
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Septin 8 antibody (66188-1-Ig, Clone: 4A12G9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



HeLa cells were subjected to SDS PAGE followed by western blot with 66188-1-Ig (Septin 8 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66188-1-Ig (Septin 8 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66188-1-Ig (Septin 8 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).