

For Research Use Only

# Septin 8 Monoclonal antibody

Catalog Number: 66188-1-Ig



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>66188-1-Ig        | <b>GenBank Accession Number:</b><br>BC001329 | <b>Purification Method:</b><br>Thiophilic affinity chromatograph                     |
| <b>Size:</b><br>900 µg/ml                   | <b>GeneID (NCBI):</b><br>23176               | <b>CloneNo.:</b><br>4A12G9   |
| <b>Source:</b><br>Mouse                     | <b>UNIPROT ID:</b><br>Q92599                 | <b>Recommended Dilutions:</b><br>WB 1:500-1:2000<br>IHC 1:50-1:500<br>IF 1:200-1:800 |
| <b>Isotype:</b><br>IgM                      | <b>Full Name:</b><br>septin 8                |  |
| <b>Immunogen Catalog Number:</b><br>AG19114 | <b>Calculated MW:</b><br>55.6 kDa            |  |
|   | <b>Observed MW:</b><br>50-58 kDa             |  |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>IF/ICC, IHC, WB, ELISA   | <b>Positive Controls:</b>                            |
| <b>Species Specificity:</b><br>human, mouse   | <b>WB:</b> HeLa cells,                               |
| <b>Note-IHC:</b> <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i> | <b>IHC:</b> mouse brain tissue, human gliomas tissue |
|   | <b>IF:</b> 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

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

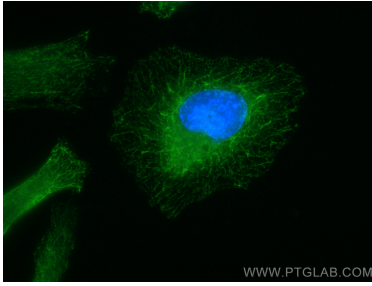
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

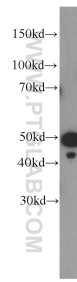
W: [ptgcn.com](http://ptgcn.com)

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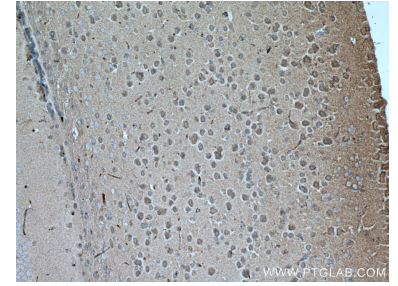
## Selected Validation Data



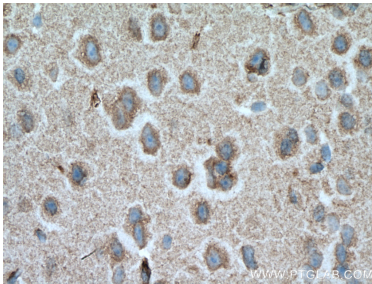
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Septin 8 antibody (66188-1-Ig, Clone: 4A12G9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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).