

For Research Use Only

SEMA6B Polyclonal antibody, PBS Only

Catalog Number: 22571-1-PBS



Basic Information

Catalog Number:

22571-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16707

GenBank Accession Number:

BC142617

GeneID (NCBI):

10501

UNIPROT ID:

Q9H3T3

Full Name:

sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B

Calculated MW:

95, 74 kDa

Observed MW:

70 kDa

Purification Method:

Antigen Affinity purified

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Semaphorins (SEMA) play critical roles in inflammation, angiogenesis, apoptosis, fibrosis, bone remodeling, and cell invasion. SEMA6B, the sixth member of the SEMA family, has shown significant correlations with the stage of liver fibrosis in hepatitis C virus-infected patients. SEMA6B is also involved in inflammatory responses and serves as a biomarker for macrophage-specific genes. Additionally, the level of SEMA6B in circulating monocytes has predictive value for cardiovascular disease. Also, SEMA6B can be a valuable biomarker for diagnosing HBV-ACLF12 (PMID: 39267780).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

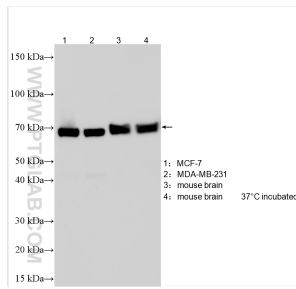
T: 4006900926

E: Proteintech-CN@ptglab.com

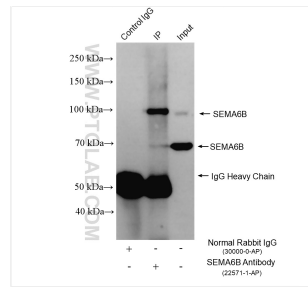
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22571-1-AP (SEMA6B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22571-1-PBS in a different storage buffer formulation.



IP result of anti-SEMA6B (IP:22571-1-AP, 4ug; Detection:22571-1-AP 1:1000) with mouse brain tissue lysate 1120 ug. This data was developed using the same antibody clone with 22571-1-PBS in a different storage buffer formulation.