

For Research Use Only

SEMA4B Polyclonal antibody, PBS Only

Catalog Number: 29191-1-PBS



Basic Information

Catalog Number:

29191-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30422

GenBank Accession Number:

BC110853

GeneID (NCBI):

10509

UNIPROT ID:

Q9NPR2

Full Name:

sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

SEMA4B (Semaphorin 4B), belonging to the Class SEMA4, is a transmembrane homodimer glycoprotein. Lots of SEMA4 family members have been implicated in the formation and progression of tumors due to (PMID: 35676688). SEMA4B inhibits the invasion of non-small cell lung cancer (NSCLC) through PI3K-dependent suppression of MMP9 activation (PMID: 25746385).

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:

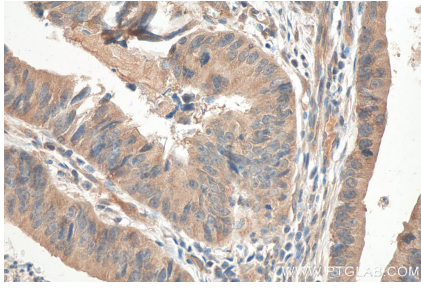
T: 4006900926

E: Proteintech-CN@ptglab.com

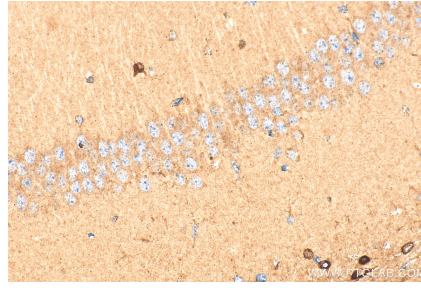
W: ptgcn.com

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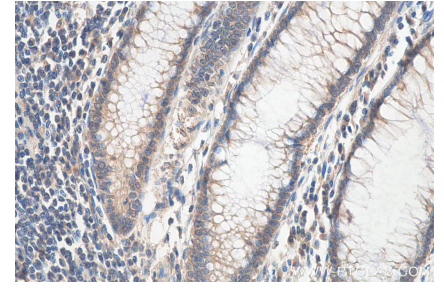
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29191-1-AP (SEMA4B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29191-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29191-1-AP (SEMA4B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29191-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 29191-1-AP (SEMA4B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29191-1-PBS in a different storage buffer formulation.