

For Research Use Only

# Mouse Sema4a Recombinant antibody, PBS Only

Catalog Number: 86320-1-PBS



## Basic Information

|                           |             |                           |  |                      |                        |
|---------------------------|-------------|---------------------------|--|----------------------|------------------------|
| Catalog Number:           | 86320-1-PBS | GenBank Accession Number: | NM_001163489.1   | Purification Method: | Protein A purification |
| Concentration:            | 1 mg/ml     | GenID (NCBI):             | 20351  | CloneNo.:            | 250325C4               |
| Source:                   | Rabbit      | UNIPROT ID:               | Q62178   |                      |                        |
| Isotype:                  | IgG         | Full Name:                | sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A |                      |                        |
| Immunogen Catalog Number: | EG2680      | Calculated MW:            | 83 kDa   |                      |                        |
|                           |             | Observed MW:              | 80-84 kDa  |                      |                        |

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

mouse, rat

## Background Information

Sema4A, the membrane-bound class 4 semaphorin, belongs to semaphorins superfamily. Sema4A functions as potent axonal repellants in the nervous system, and is involved in vascular development.

## 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:

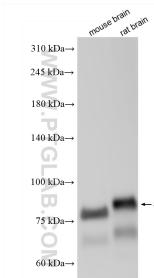
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86320-1-RR (Sema4a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86320-1-PBS in a different storage buffer formulation.