

For Research Use Only

# Mouse Sema4a Recombinant antibody, PBS Only

Catalog Number: 86320-1-PBS



## Basic Information

**Catalog Number:**

86320-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by  
Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

EG2680

**GenBank Accession Number:**

NM\_001163489.1

**GeneID (NCBI):**

20351

**UNIPROT ID:**

Q62178

**Full Name:**

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

**Calculated MW:**

83 kDa

**Observed MW:**

80-84 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250325C4

## 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.

**Storage Buffer:**

PBS only, pH7.3

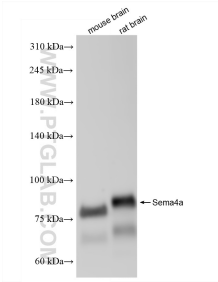
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## Selected Validation Data



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.