OMG Recombinant antibody, PBS Only

Catalog Number:86584-1-PBS

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Basic Information

Catalog Number: 86584-1-PBS	**GenBank Accession Number:** NM_002544.5	**Purification Method:** Protein A purification
Concentration: 1000 μg/ml	**GeneID (NCBI):** 4974	**CloneNo.:** 251402D4
Source: Rabbit	**UNIPROT ID:** P23515	
Isotype: IgG	**Full Name:** oligodendrocyte myelin glycoprotein	
Immunogen Catalog Number: EG5825	**Calculated MW:** 50 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

OMG (oligodendrocyte myelin glycoprotein), also known as OMGP. It is expected to be located in cell membrane, the protein is mainly expressed in the central nervous system in both neurons and oligodendrocytes. The calculated molecular weight of OMG is 50 kDa, and o-glycosylated in its Ser/Thr-rich repeat domain. It is also a cell adhesion molecule contributing to the interactive process required for myelination in the central nervous system. Axonal regeneration in the adult spinal cord is thought to be at least partially blocked after injury by inhibitory myelin components, including Nogo, myelin associated glycoprotein (MAG) and oligodendrocyte-myelin glycoprotein (OMGP).
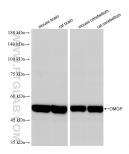
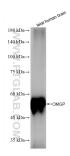## Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only, pH7.3

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 86584-1-RR (OMGP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86584-1-PBS in a different storage buffer formulation.

fetal human brain tissue were subjected to SDS PAGE followed by western blot with 86584-1-RR (OMGP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86584-1-PBS in a different storage buffer formulation.