

### 32-6203: Mouse Anti Proteolipid Protein of Myelin(Clone:NYRPLP.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	NYRPLP.
<b>Application :</b>	ELISA,WB,IP,IHC
<b>Gene :</b>	PLP1
<b>Gene ID :</b>	5354
<b>Uniprot ID :</b>	P60201
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PLP,LIPOPHILIN,PMD,MMPL,SPG2,PLP/DM20.
<b>Isotype :</b>	mouse IgG1.
<b>Immunogen Information :</b>	synthetic pPLP 139-151.

#### Description

Lipophilin is a transmembrane proteolipid protein that is the predominant myelin protein present in the central nervous system. PLP functions in myelination. plays a role in the compaction, stabilization, and maintenance of myelin sheaths, as well as in oligodendrocyte development and axonal survival. Mutations associated with PLP gene cause X-linked Pelizaeus-Merzbacher disease and spastic paraplegia type 2. Two transcript variants encoding distinct isoforms have been identified for PLP gene. PLP is the major myelin protein from the central nervous system and plays an important role in the formation or maintenance of the multilamellar structure of myelin.

#### Product Info

<b>Amount :</b>	1 mg
<b>Purification :</b>	Ion exchange column.
<b>Content :</b>	1mg/ml in PBS (after reconstitution).
<b>Storage condition :</b>	In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

#### Application Note

Direct ELISA, Western Blot, Immunoprecipitation, immunohistochemistry.