

Mouse Proteolipid Protein/Myelin PLP Monoclonal Antibody | anti-PLP1 antibody

Proteolipid Protein/Myelin PLP Mouse Monoclonal Antibody [Clone PLP1/4259]

CATALOG # AAA215839	HOST Mouse	REACTIVITY Human, Mouse, Rat, Tenerife Lizard and Cow	APPLICATIONS Immunohistochemistry
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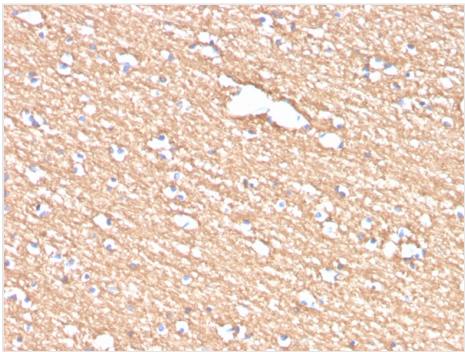
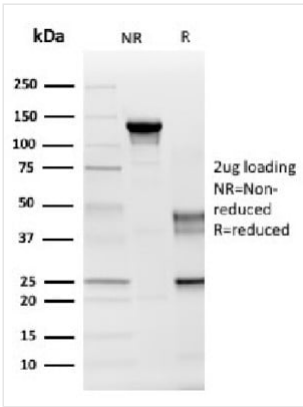
PRODUCT SYNONYMS

Proteolipid Protein/Myelin PLP; Monoclonal Antibody; Proteolipid Protein/Myelin PLP Mouse Monoclonal Antibody [Clone PLP1/4259]; Myelin proteolipid protein; PLP; Lipophilin; PLP1; HLD1; SPG2; PMD; Major myelin proteolipid protein (MMPL); DM20; anti-PLP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Tenerife Lizard and Cow
Clonality	Monoclonal
Isotype	Mouse/IgG2a
Clone Number	PLP1/4259
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-PLP1 antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide GRGTFK that recognizes the C terminal region (aa272-277) of myelin proteolipid protein.
Cellular Localization	Cell membrane, Myelin membrane
Positive Control	Human brain tissue.
Research Area	Cardiovascular
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human brain stained with Myelin PLP Mouse Monoclonal Antibody (PLP1/4259).

SDS-PAGE
SDS-PAGE Analysis Purified Myelin PLP Mouse Monoclonal Antibody (PLP1/4259).
onfirmation of Integrity and Purity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PLP1 antibody	Proteolipid protein (PLP) is the major myelin protein of the CNS and plays an important role in the formation and maintenance of myelin. PLP may play a role in the compaction and stabilization of myelin sheaths, as well as in oligodendrocyte development and axonal survival. Mutations in PLP gene can lead to dysmyelinating diseases. Clone PLP1/4259 is used in the detection of PLP by various analysis methods.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	387028
NCBI GeneID	5354
UniProt Accession #	P60201; P04400; P06905; Q502Y1; Q6FHZ6
Molecular Weight	23-25 kDa
NCBI Official Full Name	proteolipid protein, partial
NCBI Official Synonym Full Names	proteolipid protein 1
NCBI Official Symbol	PLP1
NCBI Official Synonym Symbols	PLP; PMD; HLD1; MMPL; SPG2; GPM6C; PLP/DM20
NCBI Protein Information	myelin proteolipid protein; lipophilin; major myelin proteolipid protein
UniProt Protein Name	Myelin proteolipid protein
UniProt Gene Name	PLP1
UniProt Synonym Gene Names	PLP; PLP
UniProt Entry Name	MYPR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/proteolipid-protein-myelin-plp-antibody-clone-plp1-4259-immunohistochemistry-elisa/215839>