

Datasheet for ABIN2475779

anti-PLP1 antibody**3** Publications[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	PLP1
Reactivity:	Human, Rat, Cow, Dog, Mammalian, Pig, Marmoset
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLP1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	A synthetic peptide GRGTKF corresponding to the C terminal region of the myelin proteolipid protein
Clone:	Plpc1
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Purified IgG
Purification:	Purified

Target Details

Target:	PLP1
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Target Details

Alternative Name: MYELIN PROTEOLIPID PROTEIN ([PLP1 Products](#))

Background: Synonyms: PLP

Gene ID: 281410

UniProt: [P04116](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Publications

Product cited in: Hinson, Romero, Popescu, Lucchinetti, Fryer, Wolburg, Fallier-Becker, Noell, Lennon: "Molecular outcomes of neuromyelitis optica (NMO)-IgG binding to aquaporin-4 in astrocytes." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 109, Issue 4, pp. 1245-50, (2012) ([PubMed](#)).

van Horssen, Singh, van der Pol, Kipp, Lim, Peferoen, Gerritsen, Kooi, Witte, Geurts, de Vries, Peferoen-Baert, van den Elsen, van der Valk, Amor: "Clusters of activated microglia in normal-appearing white matter show signs of innate immune activation." in: **Journal of neuroinflammation**, Vol. 9, pp. 156, (2012) ([PubMed](#)).

Rosetti, Maggio: "Protein-induced surface structuring in myelin membrane monolayers." in: **Biophysical journal**, Vol. 93, Issue 12, pp. 4254-67, (2007) ([PubMed](#)).