

PLP1 (DGR35337) Mouse mAb

db24226

Package : 10µL 20µL 50µL 100µL

Product Name : PLP1 (DGR35337) Mouse mAb**Cat.No.:** db24226**Synonyms** : PLP; PMD; HLD1; MMPL; SPG2; GPM6C; PLP/DM20**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Mouse**Background**

This gene encodes a transmembrane proteolipid protein that is the predominant component of myelin. The encoded protein may play a role in the compaction, stabilization, and maintenance of myelin sheaths, as well as in oligodendrocyte development and axonal survival. Mutations in this gene cause Pelizaeus-Merzbacher disease and spastic paraplegia type 2. Alternatively splicing results in multiple transcript variants, including the DM20 splice variant. [provided by RefSeq, Feb 2015]

Immunogen

A synthetic peptide of human PLP1

Gene ID

5354, 18823, 24943

Swiss Prot

P60201, P60202, P60203

Synonyms

PLP; PMD; HLD1; MMPL; SPG2; GPM6C; PLP/DM20

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P, ICC/IF

Recommended dilutionWB: 1:1000
IHC-P: 1:1000-1:5000
ICC/IF: 1:20-1:50**Calculated MW**

30 kDa

Observed MW

20-30 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

DGR35337

Isotype

IgG2a

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.