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MPZ Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a full length recombinant MPZ.
Catalog # AT2897a

Specification

MPZ Antibody (monoclonal) (M05) - Product Information

Application	**E**
Primary Accession	P25189
Other Accession	BC006491
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**27555**

MPZ Antibody (monoclonal) (M05) - Additional Information

Gene ID 4359

Other Names
Myelin protein P0, Myelin peripheral protein, MPP, Myelin protein zero, MPZ

Target/Specificity
MPZ (AAH06491.1, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
E~~N/A

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
MPZ Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

MPZ Antibody (monoclonal) (M05) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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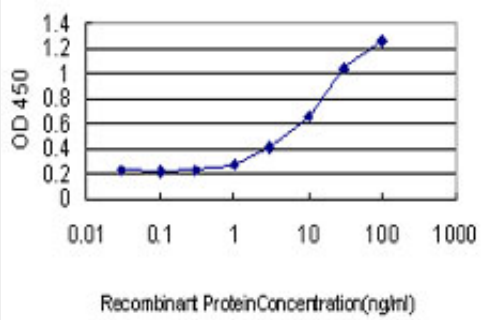
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MPZ Antibody (monoclonal) (M05) - Images



Detection limit for recombinant GST tagged MPZ is approximately 1ng/ml as a capture antibody.

MPZ Antibody (monoclonal) (M05) - Background

This gene encodes a major structural protein of peripheral myelin. Mutations in this gene result in the autosomal dominant form of Charcot-Marie-Tooth disease type 1 and other polyneuropathies.

MPZ Antibody (monoclonal) (M05) - References

Charcot-Marie-Tooth disease with intermediate conduction velocities caused by a novel mutation in the MPZ gene. Banchs I, et al. Muscle Nerve, 2010 Aug. PMID 20544920.Charcot-Marie-Tooth disease due to novel myelin protein zero mutation presenting as late-onset remitting sensory neuropathy. Simpson BS, et al. J Clin Neuromuscul Dis, 2010 Jun. PMID 20516806.Asymmetric phenotype associated with rare myelin protein zero mutation. Souayah N, et al. J Clin Neuromuscul Dis, 2010 Mar. PMID 20215982.Laryngeal neuropathy of Charcot-Marie-Tooth disease: further observations and novel mutations associated with vocal fold paresis. Benson B, et al. Laryngoscope, 2010 Feb. PMID 19950375.[Predominant parasympathetic involvement in a patient with Charcot-Marie-Tooth disease caused by the MPZ Thr124Met mutation] Nakamura N, et al. Rinsho Shinkeigaku, 2009 Sep. PMID 19928689.