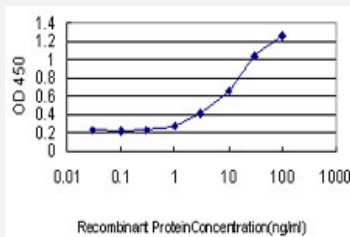


MPZ monoclonal antibody (M05), clone 3B12

Catalog # H00004359-M05

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MPZ.
Immunogen	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.
Sequence	MLRAPAPAPAMAPGAPSSSPSPILAVLLFSSSLVLSPAQAMVYTDREAHGAVGSRVTLHCSFWSS EWSDDISFTWRYQPEGGRDAISIFHYAKGQPYIDEVGTFKERIQWVGDPRWKDGSMIHNLDYSD NGTFTCDVKNPPDIVGKTSQVTLYVFEKVPTRYGVVLGAVIGGVLGVVLLLLLLFVVRVCWLRRQ AALQRRLSAMEKGKLGKPGKDASKRGRQTPVLYAMLDHSRSTKAVSEKKAKGLGESRKDKK
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — MPZ

Entrez GeneID	4359
GeneBank Accession#	BC006491
Protein Accession#	AAH06491.1
Gene Name	MPZ
Gene Alias	CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTD13, DSS, HMSNIB, MPP, P0
Gene Description	myelin protein zero
Omim ID	118200 145900 159440 180800 605253 607677 607736 607791
Gene Ontology	Hyperlink
Gene Summary	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 as other polyneuropathies. [provided by RefSeq]
Other Designations	Charcot-Marie-Tooth neuropathy 1B OTTHUMP00000032235

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)

- [Demyelinating Diseases](#)
- [Peripheral Nervous System Diseases](#)