

MPZ rabbit monoclonal antibody

Catalog # H00004359-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MPZ peptide using ARM Technology.
Immunogen	A synthetic peptide of human MPZ is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MPZ peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — MPZ

Entrez GeneID	4359
GeneBank Accession#	MPZ
Gene Name	MPZ
Gene Alias	CHM, CMT1, CMT1B, CMT2I, CMT2J, CMT4E, CMTDI3, 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](#)