

PMP22 monoclonal antibody (M10), clone 3G10

Catalog # H00005376-M10

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PMP22.
Immunogen	PMP22 (AAH19040, 25 a.a. ~ 114 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VSQWVGNGHATDLWQNCSTSSSGNVHHCFSSSPNEWLQSVQATMILSIIFSILSLFLFFCQLFTLT KGGRFYITGIFQILAGLCVMSAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84)
Isotype	IgG2b 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

- ELISA

Gene Info — PMP22

Entrez GeneID	5376
GeneBank Accession#	BC019040

Protein Accession#	AAH19040
Gene Name	PMP22
Gene Alias	CMT1A, CMT1E, DSS, GAS-3, HMSNIA, HNPP, MGC20769, Sp110
Gene Description	peripheral myelin protein 22
Omim ID	118220 118300 145900 162500 180800 601097
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Various mutations of this gene are causes of Charcot-Marie-Tooth disease Type IA, Dejerine-Sottas syndrome, and hereditary neuropathy with liability to pressure palsies. Alternative splicing of this gene results in three transcript variants that encode the same protein. [provided by RefSeq]
Other Designations	growth arrest-specific 3

Disease

- [Cardiovascular Diseases](#)
- [Charcot-Marie-Tooth Disease](#)
- [Deafness](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Motor and Sensory Neuropathies](#)
- [Multiple Sclerosis](#)
- [Polyneuropathies](#)
- [Sleep Apnea](#)