

ARG62601
anti-PMP22 antibody [20-14]Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [20-14] recognizes PMP22
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	20-14
Isotype	IgM
Target Name	PMP22
Species	Human
Immunogen	Synthetic peptide - amino acids 118-132 of Human PMP-22
Conjugation	Un-conjugated
Alternate Names	HNPP; Peripheral myelin protein 22; HMSNIA; CMT1E; DSS; CMT1A; GAS-3; Sp110; PMP-22; Growth arrest-specific protein 3

Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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Properties

Form	Liquid
Purification	Protein A affinity purified
Buffer	PBS (pH 7.2), 0.2% BSA and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	0.2% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 5376 Human Swiss-port # Q01453 Human
Gene Symbol	PMP22
Gene Full Name	peripheral myelin protein 22
Background	This gene encodes an integral membrane protein that is a major component of myelin in the peripheral nervous system. Studies suggest two alternately used promoters drive tissue-specific expression. 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 results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Function	Might be involved in growth regulation, and in myelination in the peripheral nervous system. [UniProt]
Research Area	Controls and Markers antibody; Neuroscience antibody
Calculated Mw	18 kDa