PMP22 rabbit monoclonal antibody

Catalog # H00005376-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PMP22 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PMP22 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 PMP22 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PMP22

Entrez GeneID	5376
GeneBank Accession#	PMP22
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 perip heral 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. Al ternative splicing of this gene results in three transcript variants that encode the same protein. [pro vided 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