

MTMR2 rabbit monoclonal antibody

Catalog # H00008898-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MTMR2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MTMR2 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 MTMR2 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 — MTMR2

Entrez GeneID	8898
GeneBank Accession#	MTMR2
Gene Name	MTMR2
Gene Alias	CMT4B, CMT4B1, KIAA1073
Gene Description	myotubularin related protein 2
Omim ID	601382 603557
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the myotubularin family. The encoded protein possesses phosphatase activity towards phosphatidylinositol-3-phosphate and phosphatidylinositol-3,5-bisphosphate. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4B, an autosomal recessive demyelinating neuropathy. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	myotubularin-related protein 2

Pathway

- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)
- [Riboflavin metabolism](#)
- [Thiamine metabolism](#)

Disease

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