

MARS2 rabbit monoclonal antibody

Catalog # H00092935-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MARS2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MARS2 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 MARS2 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 — MARS2

Entrez GeneID	92935
GeneBank Accession#	MARS2
Gene Name	MARS2
Gene Alias	MetRS, mtMetRS
Gene Description	methionyl-tRNA synthetase 2, mitochondrial
Omim ID	609728
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	methionine tRNA ligase 2, mitochondrial methionine-tRNA ligase methionine-tRNA synthetase 2 methionine-tRNA synthetase 2 (mitochondrial) methionine-tRNA synthetase 2, mitochondrial mitochondrial methionyl-tRNA synthetase

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [Selenoamino acid metabolism](#)