

SAMM50 rabbit monoclonal antibody

Catalog # H00025813-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SAMM50 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SAMM50 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 SAMM50 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 — SAMM50

Entrez GeneID	25813
GeneBank Accession#	SAMM50
Gene Name	SAMM50
Gene Alias	CGI-51, OMP85, SAM50, TOB55, TRG-3, YNL026W
Gene Description	sorting and assembly machinery component 50 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	SAMM50 is a component of the sorting and assembly machinery (SAM) complex of the outer mitochondrial membrane. The SAM complex has a role in integrating beta-barrel proteins into the outer mitochondrial membrane (Humphries et al., 2005 [PubMed 15644312]).[supplied by OMIM]
Other Designations	sorting and assembly machinery 50kDa sorting and assembly machinery component 50 homolog

Disease

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