

ICMT rabbit monoclonal antibody

Catalog # H00023463-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	23463
GeneBank Accession#	ICMT
Gene Name	ICMT
Gene Alias	HSTE14, MGC39955, MST098, MSTP098, PCCMT, PCMT, PPMT
Gene Description	isoprenylcysteine carboxyl methyltransferase
Omim ID	605851
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. Alternative splicing may result in other transcript variants, but the biological validity of those transcripts has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000001381 prenylated protein carboxyl methyltransferase prenylcysteine carboxyl methyltransferase protein-S isoprenylcysteine O-methyltransferase

Disease

- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Spinal Dysraphism](#)