MANEA rabbit monoclonal antibody

Catalog # H00079694-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	79694
GeneBank Accession#	MANEA
Gene Name	MANEA
Gene Alias	DKFZp686D20120, ENDO, FLJ12838, hEndo
Gene Description	mannosidase, endo-alpha
Gene Ontology	Hyperlink
Gene Summary	N-glycosylation of proteins is initiated in the endoplasmic reticulum (ER) by the transfer of the pre assembled oligosaccharide glucose-3-mannose-9-N-acetylglucosamine-2 from dolichyl pyrophos phate to acceptor sites on the target protein by an oligosaccharyltransferase complex. This core o ligosaccharide is sequentially processed by several ER glycosidases and by an endomannosida se (E.C. 3.2.1.130), such as MANEA, in the Golgi. MANEA catalyzes the release of mono-, di-, an d triglucosylmannose oligosaccharides by cleaving the alpha-1,2-mannosidic bond that links them to high-mannose glycans (Hamilton et al., 2005 [PubMed 15677381]).[supplied by OMIM
Other Designations	OTTHUMP00000017907|alpha 1,2-endomannosidase|mandaselin

Disease

- Cocaine-Related Disorders
- Opioid-Related Disorders
- Substance-Related Disorders
- Tobacco Use Disorder