

# EDEM3 rabbit monoclonal antibody

Catalog # H00080267-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human EDEM3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EDEM3 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EDEM3 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — EDEM3

Entrez GeneID	<a href="#">80267</a>
GeneBank Accession#	<a href="#">EDEM3</a>
Gene Name	EDEM3
Gene Alias	C1orf22
Gene Description	ER degradation enhancer, mannosidase alpha-like 3
Omim ID	<a href="#">610214</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Quality control in the endoplasmic reticulum (ER) ensures that only properly folded proteins are retained in the cell through recognition and degradation of misfolded or unassembled proteins. EDEM3 belongs to a group of proteins that accelerate degradation of misfolded glycoproteins in the ER (Hirao et al., 2006 [PubMed 16431915]).[supplied by OMIM]
Other Designations	ER degradation-enhancing -mannosidase-like protein 3