

KDEL C1 rabbit monoclonal antibody

Catalog # H00079070-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KDEL C1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KDEL C1 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 KDEL C1 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 — KDELC1

Entrez GeneID	79070
GeneBank Accession#	KDELC1
Gene Name	KDELC1
Gene Alias	EP58, KDEL1, MGC5302
Gene Description	KDEL (Lys-Asp-Glu-Leu) containing 1
Omim ID	611613
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a protein product localized to the lumen of the endoplasmic reticulum. As a member of the endoplasmic reticulum protein family the encoded protein contains a Lys-Asp-Glu-Leu or KDEL motif located at the extreme C-terminus which prevents all endoplasmic reticulum resident proteins from being secreted. Proteins carrying this motif are bound by a receptor in the Golgi apparatus so that the receptor-ligand complex returns to the endoplasmic reticulum. A processed non-transcribed pseudogene located in an intron of a sodium transporter gene on chromosome 5 has been defined for this gene. [provided by RefSeq]</p>
Other Designations	ER protein 58 KDEL motif-containing 1 KDEL motif-containing protein 1 OTTHUMP00000018674 OTTHUMP00000040718 endoplasmic reticulum resident protein 58