

SEC63 rabbit monoclonal antibody

Catalog # H00011231-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SEC63 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SEC63 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 SEC63 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	<ol style="list-style-type: none">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 — SEC63

Entrez GeneID	11231
GeneBank Accession#	SEC63
Gene Name	SEC63
Gene Alias	ERdj2, PRO2507, SEC63L
Gene Description	SEC63 homolog (S. cerevisiae)
Omim ID	174050 608648
Gene Ontology	Hyperlink
Gene Summary	The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. The protein encoded by this gene and SEC62 protein are found to be associated with ribosome-free SEC61 complex. It is speculated that Sec61-Sec62-Sec63 may perform post-translational protein translocation into the ER. The Sec61-Sec62-Sec63 complex might also perform the backward transport of ER proteins that are subject to the ubiquitin-proteasome-dependent degradation pathway. The encoded protein is an integral membrane protein located in the rough ER. [provided by RefSeq]
Other Designations	OTTHUMP00000016937 SEC63-like SEC63-like protein

Disease

- [Cysts](#)
- [Liver Diseases](#)