

SEC61B rabbit monoclonal antibody

Catalog # H00010952-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SEC61B peptide using ARM Technology.
Immunogen	A synthetic peptide of human SEC61B 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 SEC61B 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 — SEC61B

Entrez GeneID	10952
GeneBank Accession#	SEC61B
Gene Name	SEC61B
Gene Alias	-
Gene Description	Sec61 beta subunit
Omim ID	609214
Gene Ontology	Hyperlink
Gene Summary	The Sec61 complex is the central component of the protein translocation apparatus of the endoplasmic reticulum (ER) membrane. Oligomers of the Sec61 complex form a transmembrane channel where proteins are translocated across and integrated into the ER membrane. This complex consists of three membrane proteins- alpha, beta, and gamma. This gene encodes the beta-subunit protein. The Sec61 subunits are also observed in the post-ER compartment, suggesting that these proteins can escape the ER and recycle back. There is evidence for multiple polyadenylated sites for this transcript. [provided by RefSeq]
Other Designations	OTTHUMP00000021784 Sec61 complex, beta subunit protein translocation complex beta protein transport protein SEC61 beta subunit

Pathway

- [Vibrio cholerae infection](#)