

SUMO2 rabbit monoclonal antibody

Catalog # H00006613-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SUMO2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SUMO2 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 SUMO2 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 — SUMO2

Entrez GeneID	6613
GeneBank Accession#	SUMO2
Gene Name	SUMO2
Gene Alias	HSMT3, MGC117191, SMT3B, SMT3H2
Gene Description	SMT3 suppressor of mif two 3 homolog 2 (S. cerevisiae)
Omim ID	603042
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last two amino acids of the carboxy-terminus have been cleaved off. Numerous pseudogenes have been reported for this gene. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]</p>
Other Designations	SMT3 suppressor of mif two 3 homolog 2 sentrin 2 small ubiquitin-like modifier 2, isoform a