

SLPI rabbit monoclonal antibody

Catalog # H00006590-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	6590
GeneBank Accession#	SLPI
Gene Name	SLPI
Gene Alias	ALK1, ALP, BLPI, HUSI, HUSH, MPI, WAP4, WFDC4
Gene Description	secretory leukocyte peptidase inhibitor
Omim ID	107285
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a secreted inhibitor which protects epithelial tissues from serine proteases. It is found in various secretions including seminal plasma, cervical mucus, and bronchial secretions, and has affinity for trypsin, leukocyte elastase, and cathepsin G. Its inhibitory effect contributes to the immune response by protecting epithelial surfaces from attack by endogenous proteolytic enzymes; the protein is also thought to have broad-spectrum anti-biotic activity. [provided by RefSeq]
Other Designations	OTTHUMP00000031775 WAP four-disulfide core domain 4 antileukoproteinase mucus proteinase inhibitor secretory leukocyte protease inhibitor (antileukoproteinase) seminal proteinase inhibitor