CRISP1 rabbit monoclonal antibody

Catalog # H00000167-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CRISP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CRISP1 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 CRISP1 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CRISP1

Entrez GeneID	167
GeneBank Accession#	CRISP1
Gene Name	CRISP1
Gene Alias	AEGL1, ARP, CRISP-1, HSCRISP1D, HSCRISP1G, HUMARP
Gene Description	cysteine-rich secretory protein 1
Omim ID	601193
Gene Ontology	Hyperlink
Gene Summary	Fertilization consists of a sequence of specific cell-cell interactions culminating in the fusion of the sperm and egg plasma membranes. Recognition, binding, and fusion occur through the interactio n of complementary molecules that are localized to specific domains of the sperm and egg plasm a membranes. In the sperm, the postacrosomal region or equatorial segment is involved in sperm -egg plasma membrane fusion. The protein encoded by this gene is a member of the cysteine-ric h secretory protein (CRISP) family. This protein is expressed in the epididymis, is secreted into th e epididymal lumen, and binds to the postacrosomal region of the sperm head where it plays a rol e at fertilization in sperm-egg fusion through complementary sites localized on the egg surface. T wo isoforms are encoded by transcript variants of this gene. [provided by RefSeq
Other Designations	AEG-related protein|OTTHUMP00000016592|acidic epididymal glycoprotein-like 1|cysteine-rich secretory protein-1 delta|protein DE-like