

ODF2 rabbit monoclonal antibody

Catalog # H00004957-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ODF2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ODF2 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 ODF2 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 — ODF2

Entrez GeneID	4957
GeneBank Accession#	ODF2
Gene Name	ODF2
Gene Alias	FLJ44866, MGC111096, MGC9034, ODF2/1, ODF2/2, ODF84
Gene Description	outer dense fiber of sperm tails 2
Omim ID	602015
Gene Ontology	Hyperlink
Gene Summary	The outer dense fibers are cytoskeletal structures that surround the axoneme in the middle piece and principal piece of the sperm tail. The fibers function in maintaining the elastic structure and re coil of the sperm tail as well as in protecting the tail from shear forces during epididymal transport and ejaculation. Defects in the outer dense fibers lead to abnormal sperm morphology and infertility. This gene encodes one of the major outer dense fiber proteins. Multiple protein isoforms are encoded by transcript variants of this gene; however, not all isoforms and variants have been fully described. [provided by RefSeq]
Other Designations	OTTHUMP00000022273 OTTHUMP00000022274 cenexin 1 outer dense fiber of sperm tails, 84-kD outer dense fibre of sperm tails 2 sperm tail structural protein

Disease

- [Tobacco Use Disorder](#)