

WFDC2 rabbit monoclonal antibody

Catalog # H00010406-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WFDC2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human WFDC2 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 WFDC2 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 — WFDC2

Entrez GeneID [10406](#)

GeneBank Accession# [WFDC2](#)

Gene Name WFDC2

Gene Alias HE4, MGC57529, WAP5, dJ461P17.6

Gene Description WAP four-disulfide core domain 2

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq]

Other Designations OTTHUMP00000031141|WAP domain containing protein HE4-V4|epididymal secretory protein E4|epididymis-specific, whey-acidic protein type, four-disulfide core|major epididymis-specific protein E4