

DEFA5 rabbit monoclonal antibody

Catalog # H00001670-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DEFA5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DEFA5 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 DEFA5 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 — DEFA5

Entrez GeneID	1670
GeneBank Accession#	DEFA5
Gene Name	DEFA5
Gene Alias	DEF5, HD-5, MGC129728
Gene Description	defensin, alpha 5, Paneth cell-specific
Omim ID	600472
Gene Ontology	Hyperlink
Gene Summary	Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several of the alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 5, is highly expressed in the secretory granules of Paneth cells of the ileum. [provided by RefSeq]
Other Designations	defensin 5 defensin, alpha 5 defensin, alpha 5, preproprotein

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