

# DEGS2 rabbit monoclonal antibody

Catalog # H00123099-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human DEGS2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DEGS2 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DEGS2 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DEGS2

Entrez GeneID	<a href="#">123099</a>
GeneBank Accession#	<a href="#">DEGS2</a>
Gene Name	DEGS2
Gene Alias	C14orf66, DES2, FADS8
Gene Description	degenerative spermatocyte homolog 2, lipid desaturase (Drosophila)
Omim ID	<a href="#">610862</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a bifunctional enzyme that is involved in the biosynthesis of phytosphingolipids in human skin and in other phytosphingolipid-containing tissues. This enzyme can act as a sphingolipid delta(4)-desaturase, and also as a sphingolipid C4-hydroxylase. [provided by RefSeq]
Other Designations	degenerative spermatocyte homolog 2, lipid desaturase sphingolipid C4-hydroxylase/delta 4-desaturase sphingolipid delta 4 desaturase/C-4 hydroxylase sphingolipid delta(4)-desaturase/C4-hydroxylase

## Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)