

# FLAD1 rabbit monoclonal antibody

Catalog # H00080308-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human FLAD1 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human FLAD1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human FLAD1 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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 — FLAD1

Entrez GeneID [80308](#)

GeneBank Accession# [FLAD1](#)

Gene Name FLAD1

Gene Alias FAD1, FADS, MGC31803, MGC40255, PP591, RP11-307C12.7

Gene Description FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae)

Omim ID [610595](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes the enzyme that catalyzes adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

**Other Designations** FAD-synthetase|Fad1, flavin adenine dinucleotide synthetase, homolog|OTTHUMP00000035547|OTTHUMP00000035548|flavin adenine dinucleotide synthetase

## Pathway

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