

Anti-FLAD1 monoclonal antibody (DCABH-11580)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide of human FLAD1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FLAD1 FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	FLAD1

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Synonyms	FLAD1; FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae); Fad1, flavin adenine dinucleotide synthetase, homolog (yeast); FAD synthase; FAD1; PP591; FAD synthetase; FAD-synthetase; FAD pyrophosphorylase; FMN adenylyltransferase; flavin adenine dinucleotide synthase; flavin adenine dinucleotide synthetase; Fad1, flavin adenine dinucleotide synthetase, homolog; FADS; MGC31803; MGC40255; RP11-307C12.7;
Entrez Gene ID	80308
Protein Refseq	NP_001171820
UniProt ID	Q8NFF5
Chromosome Location	1q22
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem; Riboflavin metabolism, organism-specific biosystem; Riboflavin metabolism, conserved biosystem; Selenium Pathway, organism-specific biosystem.
Function	ATP binding; FMN adenylyltransferase activity; catalytic activity; nucleotide binding; nucleotidyltransferase activity; transferase activity;

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