

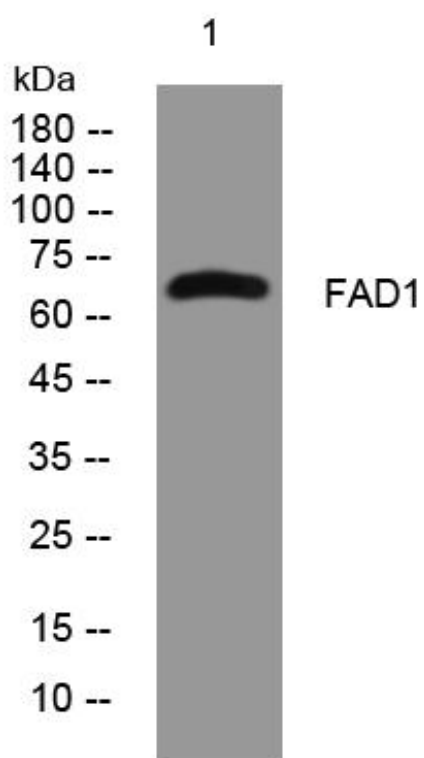


FAD1 mouse mAb

Catalog No	YP-mAb-11524
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	FLAD1 PP591
Protein Name	FAD1
Immunogen	Synthesized peptide derived from human FAD1 AA range: 480-530
Specificity	This antibody detects endogenous levels of FAD1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	[Isoform 1]: Mitochondrion matrix .; [Isoform 2]: Cytoplasm.
Tissue Specificity	
Function	catalytic activity:ATP + FMN = diphosphate + FAD.;cofactor:Magnesium.;domain:The molybdenum cofactor biosynthesis protein-like region may not be functional.;function:Catalyzes the adenylation of flavin mononucleotide (FMN) to form flavin adenine dinucleotide (FAD) coenzyme.;pathway:Cofactor biosynthesis; FAD biosynthesis; FAD from FMN: step 1/1.;similarity:In the C-terminal section; belongs to the PAPS reductase family. FAD1 subfamily.;similarity:In the N-terminal section; belongs to the moaB/mog family.;
Background	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, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using FAD1 mouse mAb