



SYNM mouse mAb

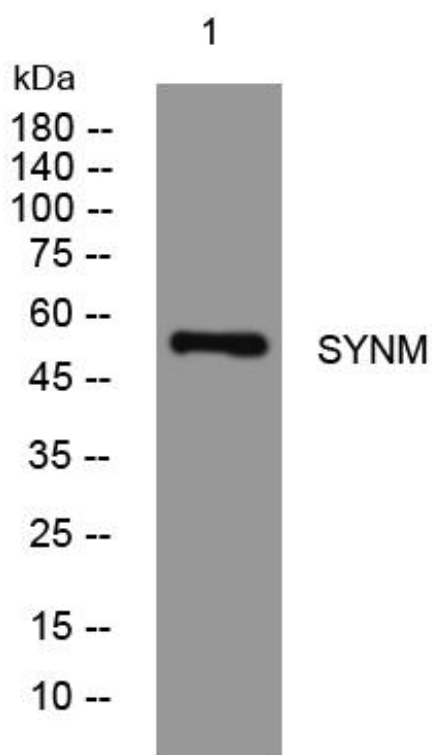
Catalog No	YP-mAb-12277
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	NARS2
Immunogen	Synthesized peptide derived from human SYNM AA range: 166-216
Specificity	This antibody detects endogenous levels of SYNM at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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	Synemin;DMN;Desmuslin;SYNM;NARS2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion matrix . Mitochondrion .
Tissue Specificity	
Function	catalytic activity:ATP + L-asparagine + tRNA(Asn) = AMP + diphosphate + L-asparaginyI-tRNA(Asn).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,
Background	This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of asparagine to tRNA molecules. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency 24 (COXPD24). [provided by RefSeq, Mar 2015],

**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 SYNMM mouse mAb