

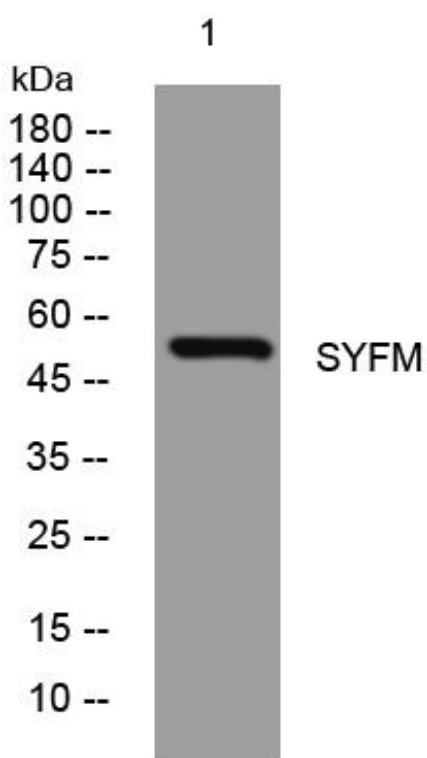


SYFM mouse mAb

Catalog No	YP-mAb-12343
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	FARS2 FARS1 HSPC320
Protein Name	SYFM
Immunogen	Synthesized peptide derived from human SYFM AA range: 294-344
Specificity	This antibody detects endogenous levels of SYFM at Human/Mouse/Rat
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	Mitochondrion matrix . Mitochondrion .
Tissue Specificity	
Function	catalytic activity:ATP + L-phenylalanine + tRNA(Phe) = AMP + diphosphate + L-phenylalanyl-tRNA(Phe).,similarity:Belongs to the class-II aminoacyl-tRNA synthetase family.,similarity:Contains 1 FDX-ACB domain.,subunit:Monomer.,
Background	This gene encodes a protein that transfers phenylalanine to its cognate tRNA. This protein localizes to the mitochondrion and plays a role in mitochondrial protein translation. Mutations in this gene can cause combined oxidative phosphorylation deficiency 14 (Alpers encephalopathy). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],
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 SYFM mouse mAb