



FMT mouse mAb

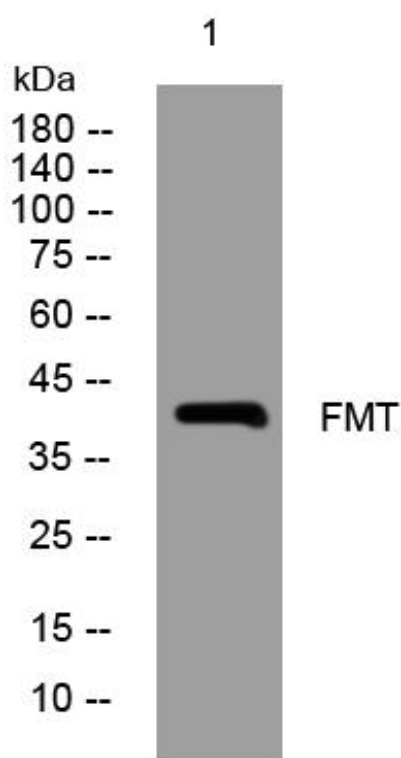
Catalog No	YP-mAb-12009
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	MTFMT FMT FMT1
Protein Name	FMT
Immunogen	Synthesized peptide derived from human FMT AA range: 115-165
Specificity	This antibody detects endogenous levels of FMT at Human/Mouse/Rat
Formulation	Liquid in PBS containing 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 .
Tissue Specificity	
Function	catalytic activity:10-formyltetrahydrofolate + L-methionyl-tRNA(fMet) + H(2)O = tetrahydrofolate + N-formylmethionyl-tRNA(fMet).,domain:Composed of an N- and a C-terminal domain. The N-terminal domain carries the tetrahydrofolate (THF)-binding site and the C-terminal domain is presumably involved in positioning the Met-tRNA substrate for the formylation reaction.,function:Formylates methionyl-tRNA in mitochondria. A single tRNA(Met) gene gives rise to both an initiator and an elongator species via an unknown mechanism.,similarity:Belongs to the fmt family.,
Background	The protein encoded by this nuclear gene localizes to the mitochondrion, where it catalyzes the formylation of methionyl-tRNA. [provided by RefSeq, Jun 2011],
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 FMT mouse mAb