



MTHFD1L mouse mAb

Catalog No	YP-mAb-18165
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MTHFD1L FTHFSDC1
Immunogen	Synthesized peptide derived from human MTHFD1L
Specificity	This antibody detects endogenous levels of MTHFD1L 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	EC:6.3.4.3;FTHFSDC1;Monofunctional C1-tetrahydrofolate synthase; mitochondrial;MTC1THFS;MTHFD1L;MTHFD1L FTHFSDC1;mitochondrial (EC 6.3.4.3) (Formyltetrahydrofolate synthetase); mitochondrial (EC 6.3.4.3) (Formyltetrahydrofolate synthetase)
Observed Band	106 kDa
Calculated Molecular Weight	978 aa, 106 kDa
Cell Pathway	Mitochondrion .
Tissue Specificity	Detected in most tissues, highest expression found in placenta, thymus and brain. Low expression is found in liver and skeletal muscle. Up-regulated in colon adenocarcinoma.
Function	May provide the missing metabolic reaction required to link the mitochondria and the cytoplasm in the mammalian model of one-carbon folate metabolism complementing thus the enzymatic activities of MTHFD2.
Background	
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