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MTHFD2 Antibody (C-term)

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8667b

Product Information

Application	WB, E
Primary Accession	P13995
Reactivity	Human, Mouse
Predicted	Human, Mouse, Rat, Bovine, Canine, Rabbit
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,κ
Clone Names	1985CT220.118.31
Calculated MW	37895

Additional Information

Gene ID	10797
Other Names	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial, NAD-dependent methylenetetrahydrofolate dehydrogenase, 1.5.1.15, Methenyltetrahydrofolate cyclohydrolase, 3.5.4.9, MTHFD2, NMDMC
Target/Specificity	This MTHFD2 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 266-299 amino acids from the C-terminal region of human MTHFD2.
Dilution	WB~~1:4000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MTHFD2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MTHFD2
Synonyms	NMDMC
Function	Although its dehydrogenase activity is NAD-specific, it can also utilize NADP

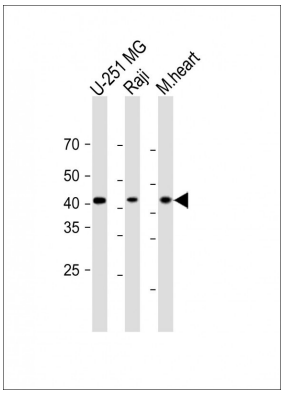
at a reduced efficiency.

Cellular Location Mitochondrion.

References

Peri K.G.,et al.Nucleic Acids Res. 17:8853-8853(1989).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).

Images



All lanes : Anti-MTHFD2 Antibody (C-term) at 1:2000 dilution Lane 1: U-251 MG cell lysate Lane 2: Raji cell lysate Lane 3: mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 41 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.