

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
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).

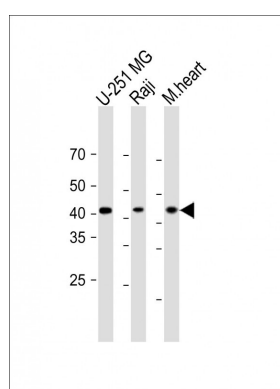
Ota T.,et al.Nat. Genet. 36:40-45(2004).

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'.