



ENOF1 Monoclonal Antibody

Catalog No	YP-mAb-06959
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ENOSF1 RTS TYMSAS
Protein Name	Mitochondrial enolase superfamily member 1 (EC 5.-.-.-) (Antisense RNA to thymidylate synthase) (rTS)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ENOF1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	48kD
Cell Pathway	Mitochondrion .
Tissue Specificity	Cervix carcinoma,Placenta,Trachea,
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,cofactor:Divalent metal ions. Magnesium seems to be the preferred ion.,function:May regulate thymidylate synthase activity.,miscellaneous:Was initially (PubMed:8493092) identified as a gene coding for an antisense RNA to thymidylate synthase.,PTM:Could be sumoylated.,similarity:Belongs to the mandelate racemase/muconate lactonizing enzyme family. ENOSF1 subfamily.,
Background	This gene was originally identified as a naturally occurring antisense transcript to the human thymidylate synthase gene. Alternate splice variants have been described, one of which (named rTSalpha) represents an alternate 3'UTR that is complementary to the 3'UTR and terminal intron of the thymidylate synthase (TS) RNA and down-regulates TS expression. Other transcript variants (rTSbeta and rTSgamma) do not overlap the TS locus. The function of this gene appears to be primarily to regulate expression of the TS locus both via the antisense transcript as well as through the encoded proteins. [provided by



RefSeq, Mar 2010],

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.

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