



ME3 Monoclonal Antibody

Catalog No	YP-mAb-02674
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ME3
Immunogen	The antiserum was produced against synthesized peptide derived from human ME3. AA range:545-594
Specificity	ME3 Monoclonal Antibody detects endogenous levels of ME3 protein.
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	ME3;NADP-dependent malic enzyme mitochondrial;NADP-dependent malic enzyme;mitochondrial;NADP-ME;Malic enzyme 3
Observed Band	67kD
Calculated Molecular Weight	67kD
Cell Pathway	Mitochondrion matrix.
Tissue Specificity	Expressed predominantly in organs with a low-division rate.
Function	catalytic activity:(S)-malate + NADP(+) = pyruvate + CO(2) + NADPH., cofactor:Divalent metal cations. Prefers magnesium or manganese., similarity:Belongs to the malic enzymes family.,tissue specificity:Expressed predominantly in organs with a low-division rate.,
Background	Malic enzyme catalyzes the oxidative decarboxylation of malate to pyruvate using either NAD ⁺ or NADP ⁺ as a cofactor. Mammalian tissues contain 3 distinct isoforms of malic enzyme: a cytosolic NADP(+)-dependent isoform, a mitochondrial NADP(+)-dependent isoform, and a mitochondrial NAD(+)-dependent isoform. This gene encodes a mitochondrial NADP(+)-dependent isoform. Multiple alternatively spliced transcript variants have been found for this



gene, but the biological validity of some variants has not been determined.
[provided by RefSeq, Jul 2008],

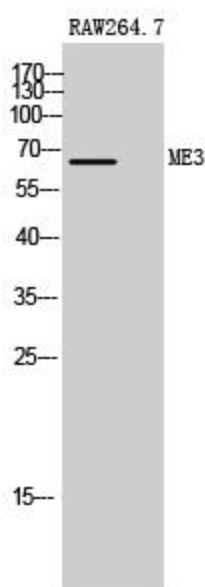
matters needing attention

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 ME3 Monoclonal Antibody