



ME2 Monoclonal Antibody

Catalog No	BYmab-03952
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	ME2
Protein Name	NAD-dependent malic enzyme mitochondrial
Immunogen	The antiserum was produced against synthesized peptide derived from human ME2. AA range:201-250
Specificity	ME2 Monoclonal Antibody detects endogenous levels of ME2 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ME2; NAD-dependent malic enzyme; mitochondrial; NAD-ME; Malic enzyme 2
Observed Band	65kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	B-cell,Placenta,Platelet,
Function	catalytic activity:(S)-malate + NAD(+) = pyruvate + CO(2) + NADH.,cofactor:Divalent metal cations. Prefers magnesium or manganese.,enzyme regulation:Subject to allosteric activation by fumarate.,miscellaneous:This isoenzyme can also use NADP(+) but is more effective with NAD(+).,similarity:Belongs to the malic enzymes family.,subunit:Homotetramer.,
Background	This gene encodes a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked to a syndrome known as Friedreich ataxia that has since been shown to be the result of mutation in a completely

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different gene. Certain single-nucleotide polymorphism haplotypes of this gene have been shown to increase the risk for idiopathic generalized epilepsy. Alternatively spliced transcript variants encoding different isoforms found for this gene. [provided by RefSeq, Dec 2009],

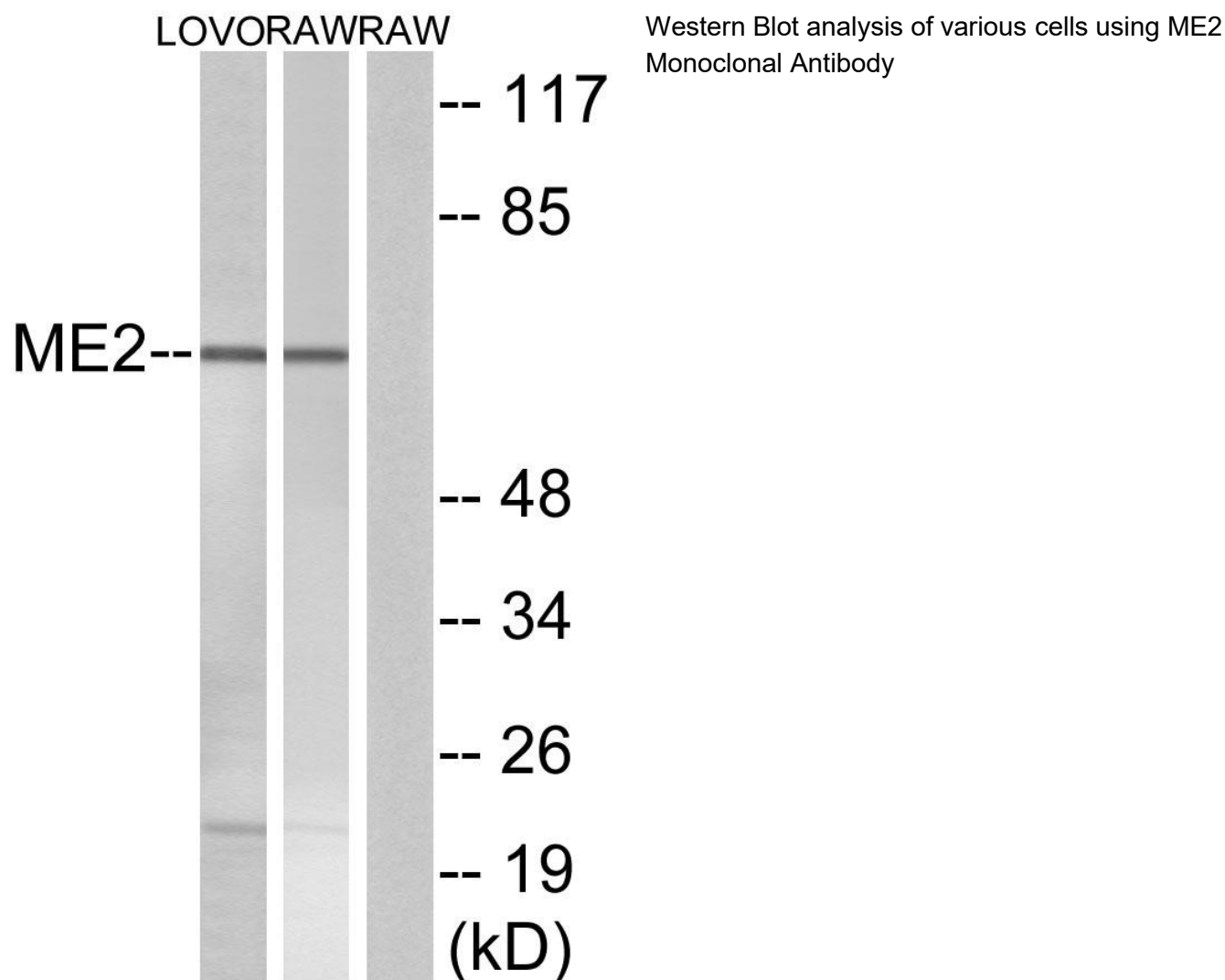
matters needing attention

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



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