

ME2 RABBIT MAB**Cat.#:** N263419**Product Name:** Anti-ME2 Rabbit Monoclonal Antibody**Synonyms:** ODS1**UNIPROT ID:** P23368

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 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.

Immunogen: A synthetic peptide of human ME2

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-3F0

MW: Calculated MW: 65 kDa; Observed MW: 65 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

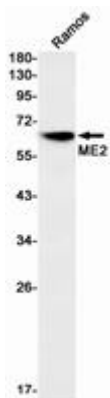
Conjugation: Unconjugated

Modification: Unmodified

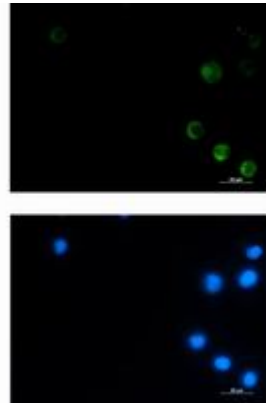
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

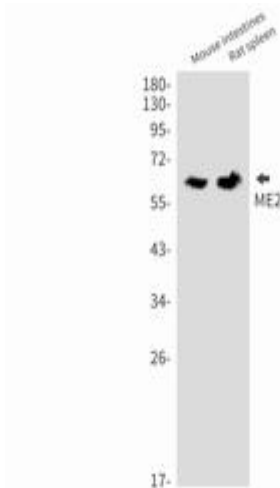
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of ME2 in Ramos lysates using ME2 antibody



Immunocytochemistry analysis of ME2 (green) in Jurkat using ME2 antibody, and DAPI (blue).



Western blot analysis of ME2 in mouse intestines, rat spleen lysates using ME2 antibody.