

**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

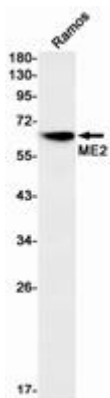
**Conjugation:** Unconjugated

**Modification:** Unmodified

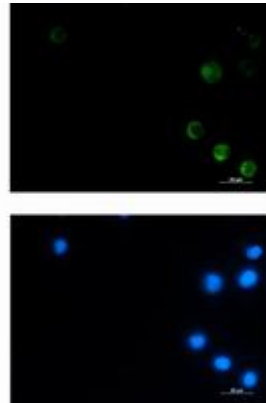
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

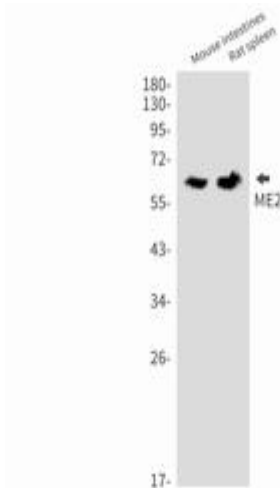
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.