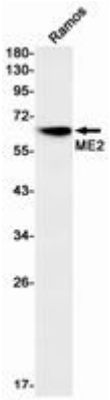
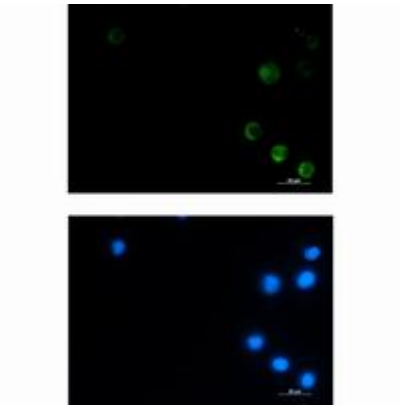
ME2 RABBIT MAB

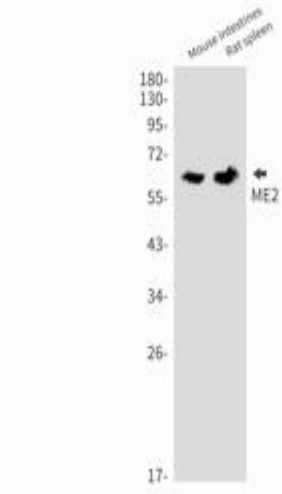
Cat.#: N263419
Product Name: Anti-ME2 Rabbit Monoclonal Antibody
Synonyms: ODS1
UNIPROT ID: P23368
Background: This gene encodes a mitochondrial NAD-dependent malic enzyme, a homotetrameric protein, that catalyzes the oxidative decarboxylation of malate to pyruvate. It had previously been weakly linked 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.