

ME2 / Malate Dehydrogenase 2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS17087**Specification**

ME2 / Malate Dehydrogenase 2 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	P23368
Other Accession	4200
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65444

ME2 / Malate Dehydrogenase 2 Antibody (Internal) - Additional Information**Gene ID** 4200**Other Names**

ME2, Malate dehydrogenase, Pyruvic-malic carboxylase, Malic enzyme 2, NAD-ME, ODS1

Target/Specificity

ME2 antibody is human specific. At least two isoforms of ME2 are known to exist; this antibody will detect both isoforms. ME2 antibody is predicted not to cross-react with ME1.

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

ME2 / Malate Dehydrogenase 2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

ME2 / Malate Dehydrogenase 2 Antibody (Internal) - Protein Information**Name** ME2**Function**

NAD-dependent mitochondrial malic enzyme that catalyzes the oxidative decarboxylation of malate to pyruvate.

Cellular Location

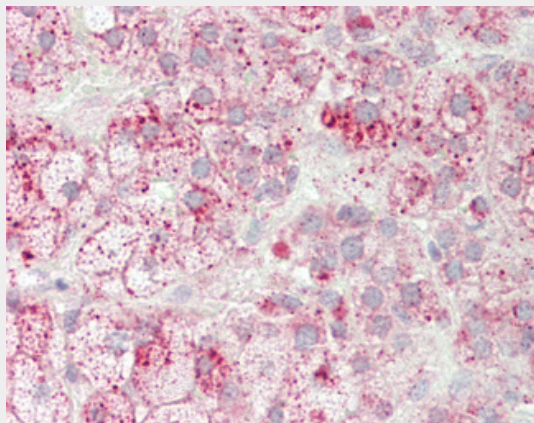
Mitochondrion matrix

ME2 / Malate Dehydrogenase 2 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ME2 / Malate Dehydrogenase 2 Antibody (Internal) - Images



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)

ME2 / Malate Dehydrogenase 2 Antibody (Internal) - References

Loeber G.,et al.J. Biol. Chem. 266:3016-3021(1991).
Yanaihara N.,et al.Genomics 72:169-179(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 437:551-555(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.