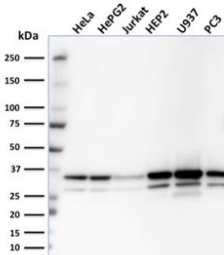


MDH1 Antibody / Malate dehydrogenase 1 [clone CPTC-MDH1-1] (V7949)

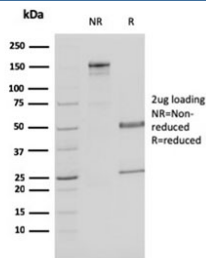
| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V7949-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7949-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V7949SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

[Bulk quote request](#)

| | |
|---------------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Mouse |
| Clonality | Monoclonal (mouse origin) |
| Isotype | Mouse IgG2a, kappa |
| Clone Name | CPTC-MDH1-1 |
| Purity | Protein G affinity chromatography |
| UniProt | P40925 |
| Applications | Western Blot : 1-2ug/ml |
| Limitations | This MDH1 antibody is available for research use only. |



Western blot testing of human samples with MDH1 antibody. Predicted molecular weight: ~36 kDa.



SDS-PAGE analysis of purified, BSA-free MDH1 antibody as confirmation of integrity and purity.

Description

Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. The protein encoded by this gene is localized to the cytoplasm and may play pivotal roles in the malate-aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Application Notes

Optimal dilution of the MDH1 antibody should be determined by the researcher.

Immunogen

A recombinant human full-length MDH1 protein was used as the immunogen for this MDH1 antibody.

Storage

Store the MDH1 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).