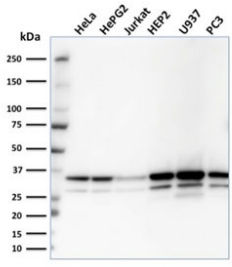
MDH1 Antibody / Malate dehydrogenase 1 [clone CPTC-MDH1-1] (V7949)

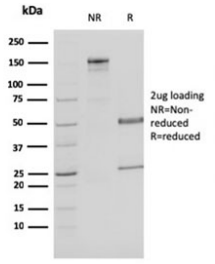
Catalog No.	Formulation	Size
V7949-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7949-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7949SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

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 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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