

Datasheet for ABIN6940029

anti-MDH1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MDH1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MDH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human full-length MDH1 protein
Clone:	CPTC-MDH1-1
Isotype:	IgG2a kappa
Purification:	Purified by Protein A/G

Target Details

Target:	MDH1
Alternative Name:	MDH1 (MDH1 Products)
Background:	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

Target Details

transcript variants encoding distinct isoforms have been found for this gene.

Molecular Weight: 36kDa

Gene ID: 4190

UniProt: [P40925](#)

Application Details

Application Notes: Positive Control: Jurkat or HeLa cell lysates.
Known Application: Western Blot (1-2 µg/mL). Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

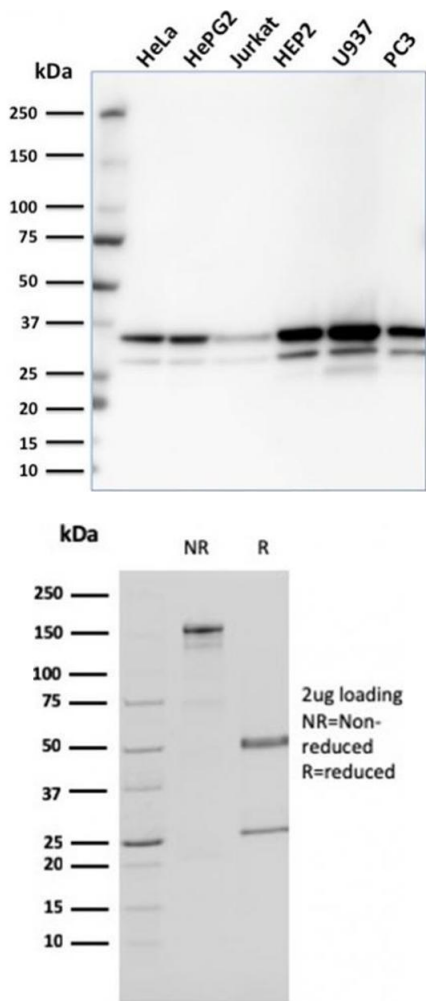
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Western Blotting

Image 1. Western Blot Analysis of HeLa, HepG2, Jurkat, HEP2, U937, PC3 cell lysates using MDH1 Mouse Monoclonal Antibody (CPTC-MDH1-1).

SDS-PAGE

Image 2. SDS-PAGE Analysis Purified MDH1 Mouse Monoclonal Antibody (CPTC-MDH1-1). Confirmation of Purity and Integrity of Antibody.