



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MDH1 monoclonal antibody (MP01), clone 2B11-B7 (PE)

**Catalog Number:** H00004190-MP01

**Regulation Status:** For research use only (RUO)

**Product Description:** PE conjugated mouse monoclonal antibody raised against a full length recombinant MDH1.

**Clone Name:** 2B11-B7

**Immunogen:** MDH1 (AAH01484.1, 1 a.a. ~ 334 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MSEPIRVLVTGAAGQIAYSLLYSIGNGSVFGKDQPIILVL  
LDITPMMGVLDGVLMEQLQDCALPLLKDVIATDKEDVAF  
KDLDVAILVGSMPPREGMERKDLLKANVKIFKSQGAAL  
DKYAKKSVKVIVVGNPANTNCLTASKSAPSIPKENFSC  
LTRLHDHNRAKAQIALKLGVTANDVKNVWGNHSSSTQY  
PDVNHAKVKLQGKEVGVYEALKDDSWLKGEFVTTVQ  
QRGAIVIKARKLSSAMSAKAICDHVRDIWFGTPEGEF  
VSMGVISDGNSYGVPPDLLYSFPVVIKNTWKFEGL  
PINDFSREKMDLTAKELTEEKESAFEFLSSA

**Host:** Mouse

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Conjugation:** PE

**Isotype:** IgG2b Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to  
avoid repeated freezing and thawing.

**Entrez GeneID:** 4190

**Gene Symbol:** MDH1

**Gene Alias:** MDH-s, MDHA, MGC:1375, MOR2

**Gene Summary:** 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. [provided by RefSeq]