

### **International Office**

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# EB11995 - Goat Anti-MDH1 / MOR2 (aa211-223) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** MDH1, malate dehydrogenase 1, NAD (soluble), MDH-s, MDHA, MGC:1375, MOR2, cytosolic malate dehydrogenase, malate dehydrogenase, cytoplasmic, soluble malate dehydrogenase

Official Symbol: MDH1

Accession Number(s): NP\_001186040.1; NP\_005908.1; NP\_001186041.1

Human GeneID(s): 4190

Non-Human GenelD(s): 17449 (mouse), 24551 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms

(NP\_001186040.1; NP\_005908.1; NP\_001186041.1).

## **Immunogen**

Peptide with sequence C-PDVNHAKVKLQGK, from the internal region of the protein sequence according to NP\_001186040.1; NP\_005908.1; NP\_001186041.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

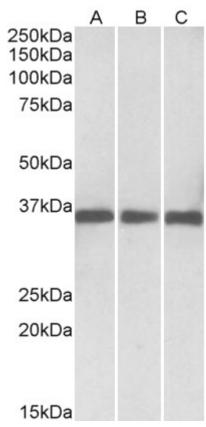
Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 35kDa band observed in Human Mouse, Rat and Pig Heart lysates (calculated MW of 36.4kDa according to NP\_005908.1). Recommended concentration:  $0.03-0.1\mu g/ml$ .

### **Species Reactivity**

Tested: Human, Mouse, Rat, Pig

Expected from sequence similarity: Human, Mouse, Rat, Cow



EB11995 (0.03μg/ml) staining of Human (A), Mouse(B) and Rat (C) Heart lysates (35μg protein in RIPA buffer).

Primary incubation was 1 hour. Detected by chemiluminescence.



EB11995 (0.1 $\mu$ g/ml) staining of Pig Heart lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.