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Research Use Only. Not for diagnostic or therapeutic use.

EB11994 - Goat Anti-MDH1 / MOR2 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 TNCLTASKSAPSIPK, 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

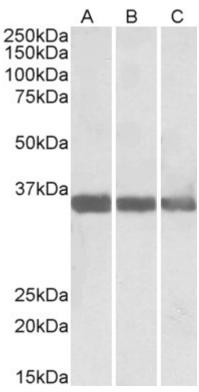
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 36kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 36.4kDa according to NP_005908.1). Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

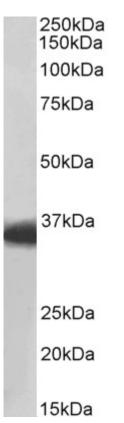
Tested: Human, Mouse, Rat, Pig

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



EB11994 (0.01µg/ml) staining of Human (A), Mouse (B) and Rat (C) Heart lysate (35µg protein in RIPA buffer).

Primary incubation was 1 hour. Detected by chemiluminescence.



EB11994 ($0.01\mu g/ml$) staining of Pig Heart lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.