



## Goat anti-MDH1 / MOR2 (aa211-223) Antibody

<b>Item Number</b>	dAP-2818
<b>Target Molecule</b>	Principle Name: MDH1 / MOR2 (aa211-223); Official Symbol: MDH1; All Names and Symbols: MDH1; malate dehydrogenase 1, NAD (soluble); MDH-s; MDHA; MGC:1375; MOR2; cytosolic malate dehydrogenase; malate dehydrogenase, cytoplasmic; soluble malate dehydrogenase; Accession Number (s): NP_001186040.1; NP_005908.1; NP_001186041.1; Human Gene ID(s): 4190; Non-Human GeneID(s): 17449 (mouse) 24551 (rat)
<b>Immunogen</b>	PDVNHAKVKLQGK, is from internal region This antibody is expected to recognize all reported isoforms (NP_001186040.1; NP_005908.1; NP_001186041.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat, Pig
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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: 0.03-0.1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lee SM, Kim JH, Cho EJ, Youn HD. A nucleocytoplasmic malate dehydrogenase regulates p53 transcriptional activity in response to metabolic stress. Cell Death Differ. 2009 May;16(5):738-48..PMID: 19229245->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**