



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB13028 - Goat Anti-MDH2 (aa221-232) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MDH2, malate dehydrogenase 2, NAD (mitochondrial), M-MDH, MDH, MGC:3559, MOR1, malate dehydrogenase, mitochondrial

**Official Symbol:** MDH2

**Accession Number(s):** NP\_005909.2

**Human GeneID(s):** [4191](#)

### Immunogen

Peptide with sequence C-DQLTALTGRIQE, from the internal region of the protein sequence according to NP\_005909.2.

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.

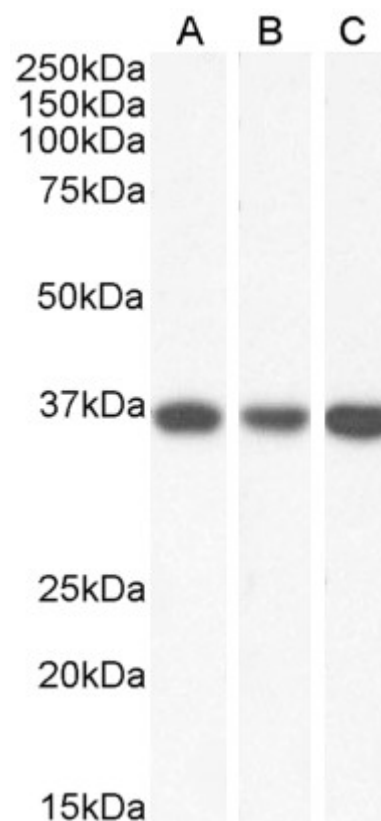
**Western blot:** Approx 36-37kDa band observed in lysates of cell lines HeLa, HepG2 and K562, and approx 35kDa band observed in Human Heart and Liver lysates (calculated MW of 35.5kDa according to NP\_005909.2). Recommended concentration: 0.01-0.03µg/ml.

**IHC:** Paraffin embedded Human Prostate. Recommended concentration: 5µg/ml.

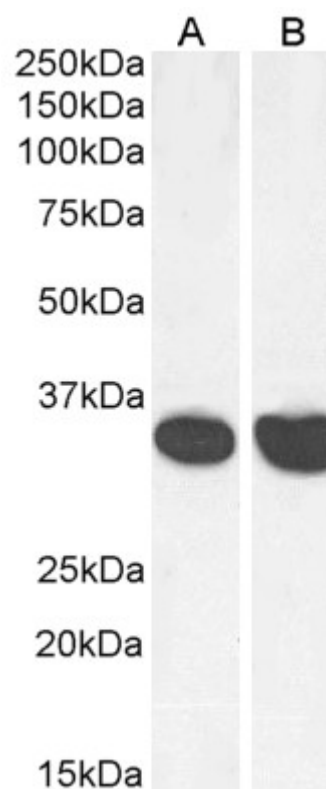
### Species Reactivity

**Tested:** Human

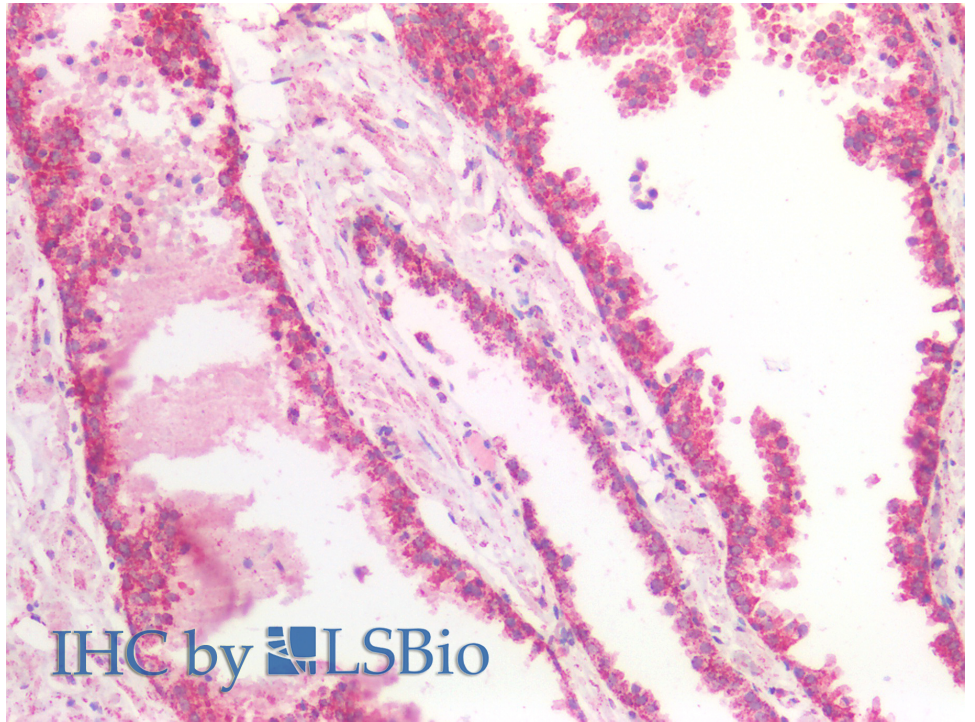
**Expected from sequence similarity:** Human



EB13028 (0.03 $\mu$ g/ml) staining of HeLa (A), HepG2 (B) and K562 (C) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB13028 (0.03 $\mu$ g/ml) staining of Human Heart (A) and Liver (B) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB13028 (5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.