



## International Office

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

## EB05195 - Goat Anti-MTM1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MTM1, myotubular myopathy 1, CNM, MTMX, XLMTM, myotubularin, myotubularin 1

**Official Symbol:** MTM1

**Accession Number(s):** NP\_000243.1

**Human GeneID(s):** [4534](#)

### Immunogen

Peptide with sequence C-SSPSQMMPHVQTHF, from the C Terminus of the protein sequence according to NP\_000243.1.

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.

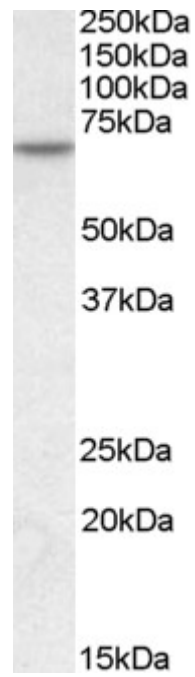
**Western blot:** Approx 70kDa band observed in lysates of Human and Mouse Skeletal Muscle and of cell line HepG2 (calculated MW of 69.9kDa according to NP\_000243.1 and 69.6kDa according to Mouse NP\_001157662.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

**IHC:** Paraffin embedded Human Uterus. Recommended concentration: 10µg/ml.

### Species Reactivity

**Tested:** Human, Mouse

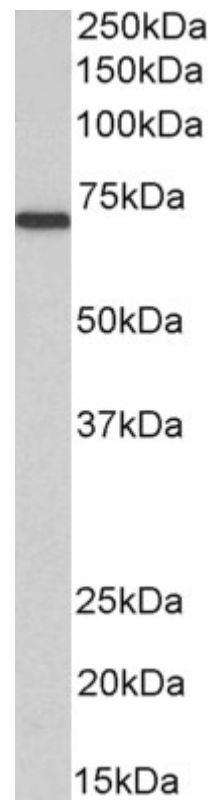
**Expected from sequence similarity:** Human, Mouse, Dog, Cow



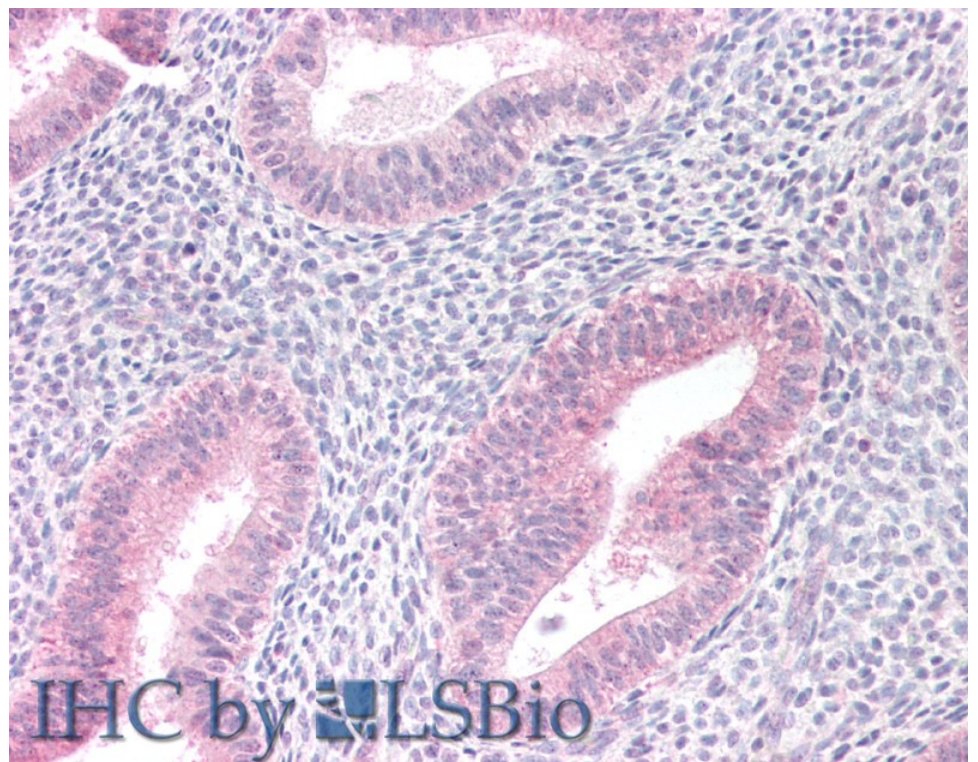
EB05195 (1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05195 (1µg/ml) staining of HepG2 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05195 (1 $\mu$ g/ml) staining of Mouse Skeletal Muscle lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB05195 (10 $\mu$ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.