

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# 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\_000243.1and 69.6kDa according to Mouse NP\_001157662.1). Recommended concentration: 1-3μg/ml.

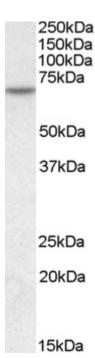
Primary incubation was 1 hour.

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

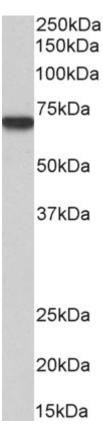
## **Species Reactivity**

Tested: Human, Mouse

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



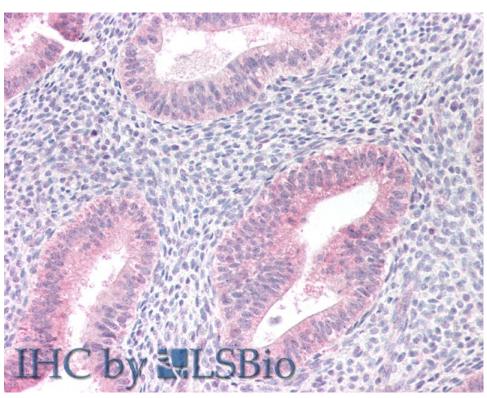
EB05195 (1µg/ml) staining of Human Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05195 ( $1\mu g/mI$ ) staining of HepG2 cell lysate ( $35\mu g$  protein in RIPA buffer). Detected by chemiluminescence.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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



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