

#### **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

Research Use Only. Not for diagnostic or therapeutic use.

# EB06891 - Goat Anti-MMP7 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** MMP7, matrix metalloproteinase 7 (matrilysin, uterine), HGNC:7174, MMP-7, MPSL1, PUMP-1, matrin, matrix metalloproteinase 7, uterine matrilysin, matrix

metallopeptidase 7

Official Symbol: MMP7

Accession Number(s): NP\_002414.1

Human GeneID(s): 4316

#### **Immunogen**

Peptide with sequence C-QKLYGKRSNSRKK, from the C Terminus of the protein sequence according to NP\_002414.1.

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 1:64000.

**Western blot:** Approx 28kDa band observed in Human Breast, Ovary and Placenta lysates (calculated MW of 29.7kDa according to NP\_002414.1). Recommended

concentration: 0.03-0.1µg/ml.

IHC: In paraffin embedded Human Uterus shows basal staining of an endometrial gland.

Recommended concentration, 3-6µg/ml.

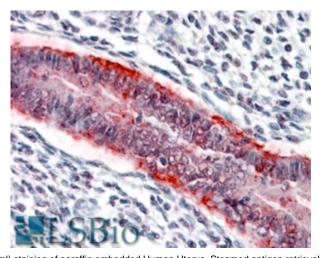
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB06891 ( $0.03\mu g/ml$ ) staining of Human Breast lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06891 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Uterus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.