

## International Office

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

## EB11973 - Goat Anti-MMP14 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MMP14, matrix metalloproteinase 14 (membrane-inserted), 1, MMP-14, MMP-X1, MT-MMP, MT-MMP 1, MT1-MMP, MT1MMP, MTMMP1, matrix metalloproteinase 14 (membrane-inserted), matrix metalloproteinase-14, membrane type 1 metalloprotease, membrane-type matrix metalloproteinase 1, membrane-type-1 matrix metalloproteinase

**Official Symbol:** MMP14

**Accession Number(s):** NP\_004986.1

**Human GeneID(s):** [4323](#)

**Non-Human GeneID(s):** 17387 (mouse), 81707 (rat)

### Immunogen

Peptide with sequence C-ESATPLRFREVP, from the internal region of the protein sequence according to NP\_004986.1.

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 1:128000.

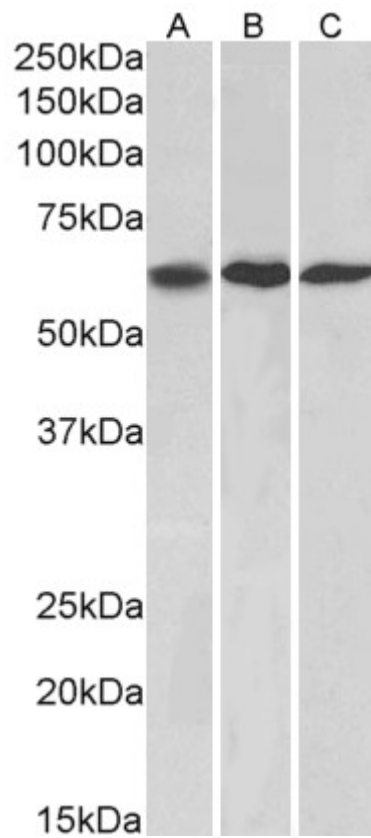
**Western blot:** Approx 60kDa band observed in lysates of cell lines NIH3T3, A549 and HeLa (calculated MW of 65.9kDa according to NP\_004986.1). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

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

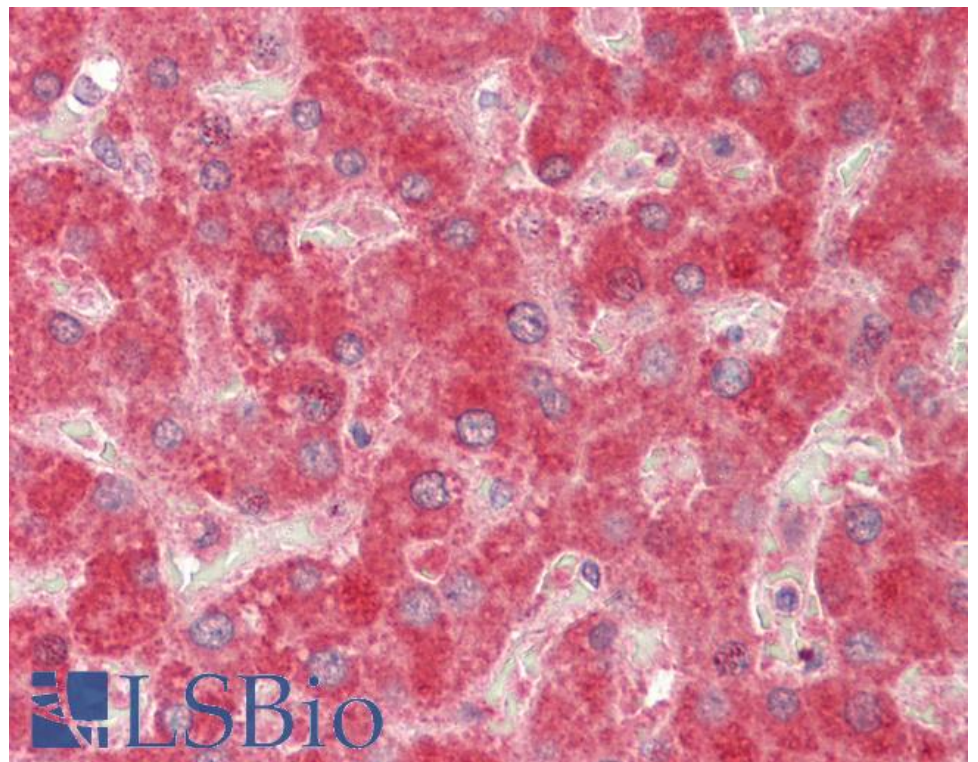
### Species Reactivity

**Tested:** Human, Mouse

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



EB11973 (1µg/ml) staining of NIH3T3, (A) A549 (B) and HeLa (C) lysates (35µg protein in RIPA buffer).  
Detected by chemiluminescence.



EB11973 (5µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.