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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB08297 - Goat Anti-TMPRSS4 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** type II membrane serine protease, transmembrane serine protease 3, membrane-type serine protease 2, TMPRSS3, MT-SP2, transmembrane protease, serine 4

**Official Symbol:** TMPRSS4

**Accession Number(s):** NP\_063947.1; NP\_001077416.1

**Human GeneID(s):** [56649](#)

**Non-Human GeneID(s):** 214523 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_063947.1 and NP\_001077416.1).

### Immunogen

Peptide with sequence DSTRCNADDAYQGE, from the internal region of the protein sequence according to NP\_063947.1; NP\_001077416.1.

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

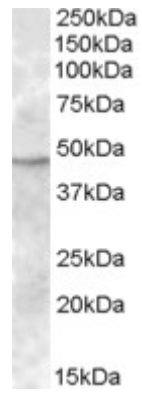
**Peptide ELISA:** antibody detection limit dilution 1:1000.

**Western blot:** Approx 48kDa band observed in Human Bone Marrow lysates (calculated MW of 48.2kDa according to NP\_063947.1 and of 47.6kDa according to NP\_001077416.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB08297 (1 $\mu$ g/ml) staining of Human Bone Marrow lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.