

**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.

## EB05382 - Goat Anti-ADAM17 / TACE Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** tumor necrosis factor, alpha, converting enzyme, snake venom-like protease, ADAM metallopeptidase domain 18, CD156B, ADAM18, ADAM metallopeptidase domain 17, snake venom-like protease, a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), a disintegrin and metalloproteinase domain 17, TNF-alpha converting enzyme, cSVPADAM metallopeptidase domain 17, TACE, MGC71942, CD156b, CD156b, cSVP, CSVP, a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), TACE, ADAM17

**Official Symbol:** ADAM17

**Accession Number(s):** NP\_003174.3

**Human GeneID(s):** [6868](#)

**Non-Human GeneID(s):** 11491 (mouse)

**Important Comments:** This antibody is expected to recognise isoform 1 (represented by NP\_003174) and not isoform 2 (represented by NP\_068604).

### Immunogen

Peptide with sequence LQRQNRVDSKETEC, from the C Terminus of the protein sequence according to NP\_003174.3.

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 100kDa band observed in human testis lysates (calculated MW of 93.0kDa according to NP\_003174.3). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB05382 staining (0.2 $\mu$ g/ml) of Human Testis lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.