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Research Use Only. Not for diagnostic or therapeutic use.

EB05382-T - Goat Anti-ADAM17 / TACE Antibody -

Size: 20µg specific antibody in 40µl

Target Protein

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

Official Symbol: ADAM17

Accession Number(s): NP_003174.3

Human GeneID(s): 6868

Non-Human GenelD(s): 11491 (mouse)

Important Comments: This antibody is expected to recognise isoform 1 (represented by

NP_003174.3) 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 1:32000.

Western blot: Approx 125-130kDa band observed in Hela, Jurkat and U937 lysates (predicted MW of kDa according to NP_003174.3 but glycosylated). Recommended for use at 0.1-1μg/ml. Primary incubation was for 1 hour. The observed molecular weights correspond to earlier findings in literature with different antibodies (Le Gall et al, J Cell Sci. 2010 Nov 15;123(Pt22):3913-22; PMID: 20980382)

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB05382 staining (0.2μg/ml) of Human HeLa lysate (RIPA buffer, 35μg total protein per lane). Detected by chemiluminescence.