

ADAM17 Antibody

ADAM17; a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme); CSVP; TACE; cSVP; CD156b; CD156b; MGC71942; TACE; cSVPADAM metalloproteinase domain 17; TNF-alpha converting enzyme; a disintegrin and metalloproteinase

CATALOG NO.: 45-002

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

ADAM17 Antibody. This antibody is expected to recognise isoform 1 (represented by NP_003174) and not isoform 2 (represented by NP_068604).

SOURCE:

ADAM17 antibody was raised against a synthetic peptide near the C-terminus of ADAM17.

PROTEIN ACCESSION NUMBER(S) :

NP_003174.3

SPECIES REACTIVITY:

Human, Mouse, Rat, Chinese Hamster

TESTED APPLICATION:

ELISA, Western Blot

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:128,000.
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.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

Antibody is supplied as 0.1mg of purified antibody. 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ADAM17 in HeLa lysate (RIPA buffer, 35µg total protein per lane) using ADAM17 antibody (0.2µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Black RA, Rauch CT, Kozlosky CJ, Peschon JJ, Slack JL, Wolfson MF, Castner BJ, Stocking KL, Reddy P, Srinivasan S, Nelson N, Boiani N, Schooley KA, Gerhart M, Davis R, Fitzner JN, Johnson RS, Paxton RJ, March CJ, Cerretti DP A metalloproteinase disintegrin that releases tumour-necrosis factor-alpha from cells. Nature. 1997 Feb 20;385(6618):729-33

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.