

Immunotag™ Phospho-ADAM 17 (Thr735) Antibody

Antibody Specification	
Catalog No.	ITA1130
Product Description	Immunotag™ Phospho-ADAM 17 (Thr735) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-ADAM 17 (Thr735)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human ADAM 17 around the phosphorylation site of Threonine 735
Specificity	Phospho-ADAM 17 (Thr735) Antibody detects endogenous levels of ADAM 17 only when phosphorylated at Threonine 735
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	ADAM17
Accession No.	P78536

Antibody Specification

Alternate Names	A disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme); A disintegrin and metalloproteinase domain 17; ADA17_HUMAN; ADAM 17; ADAM metalloproteinase domain 17; ADAM17; ADAM17 protein; CD 156b; CD156b; CD156b antigen; CSVP; Disintegrin and metalloproteinase domain-containing protein 17; MGC71942; NISBD; NISBD1; Snake venom like protease; Snake venom-like protease; TACE; TNF alpha convertase; TNF alpha converting enzyme; TNF-alpha convertase; TNF-alpha-converting enzyme; Tumor Necrosis Factor Alpha Converting Enzyme;
Description	Cleaves the membrane-bound precursor of TNF-alpha to its mature soluble form. Responsible for the proteolytical release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-surface proteins, including p75 TNF-receptor, interleukin 1 receptor type II, p55 TNF-receptor, transforming growth factor-alpha, L-selectin, growth hormone receptor, MUC1 and the amyloid precursor protein. Acts as an activator of Notch pathway by mediating cleavage of Notch, generating the membrane-associated intermediate fragment called Notch extracellular truncation (NEXT). Plays a role in the proteolytic processing of ACE2.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	93kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.