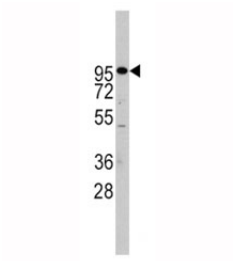
ADAM17 Antibody (F44301)

Catalog No.	Formulation	Size
F44301-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44301-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P78536
Applications	Western blot: 1:1000
Limitations	This ADAM17 antibody is available for research use only.



Western blot analysis of ADAM17 antibody and Jurkat lysate. Expected molecular weight: 80-130KD depending on level of glycosylation

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. [UniProt]

Application Notes

Titration of the ADAM17 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 794-823 from the human protein was used as the immunogen for this ADAM17 antibody.

Storage

Aliquot the ADAM17 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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