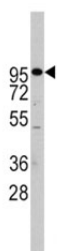


## ADAM17 Antibody (F44301)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P78536
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	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.