

anti- ADAM17 antibody

Product Information

Catalog No.:	FNab10431
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature protease. The encoded protease functions in the ectodomain shedding of tumor necrosis factor-alpha, in which soluble tumor necrosis factor-alpha is released from the membrane-bound precursor. This protease also functions in the processing of numerous other substrates, including cell adhesion proteins, cytokine and growth factor receptors and epidermal growth factor (EGF) receptor ligands. The encoded protein also plays a prominent role in the activation of the Notch signaling pathway. Elevated expression of this gene has been observed in specific cell types derived from psoriasis, rheumatoid arthritis, multiple sclerosis and Crohn's disease patients, suggesting that the encoded protein may play a role in autoimmune disease.

Immunogen information

Immunogen:	ADAM metallopeptidase domain 17
Synonyms:	ADAM 17, ADAM17, CD156b, cSVP, Snake venom like protease, TACE, TNF alpha convertase, TNF alpha converting enzyme
Observed MW:	115 kDa

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Uniprot ID : P78536

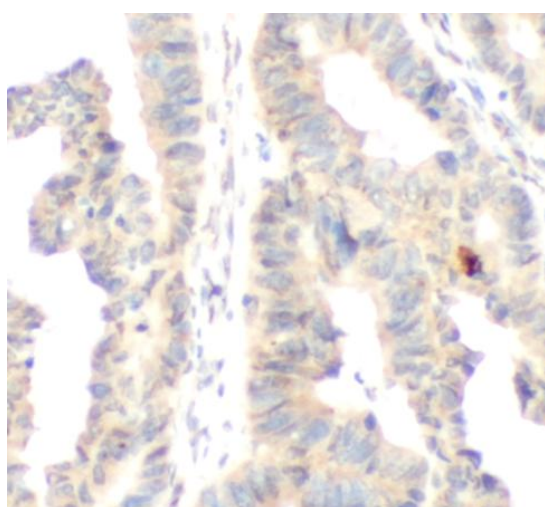
Application

Reactivity: Human, Mouse

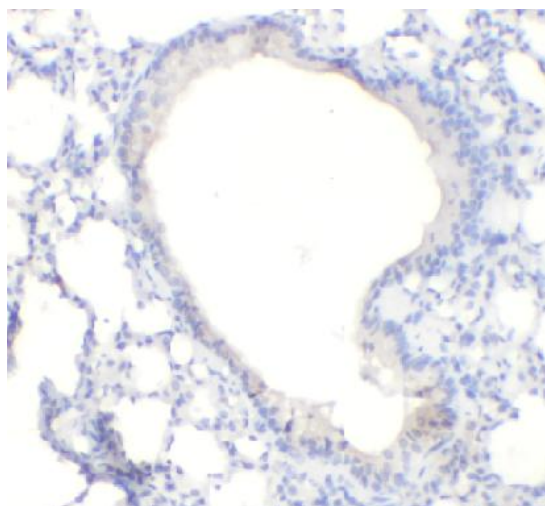
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using FNab10431(ADAM17 Antibody) at dilution of 1:50



Immunohistochemistry of paraffin-embedded mouse lung tissue slide using FNab10431(ADAM17 Antibody) at dilution of 1:50

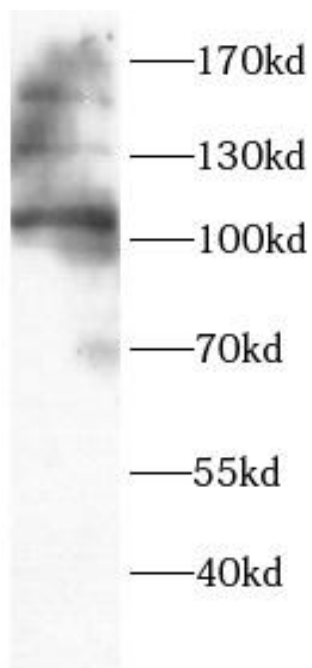
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Jurkat cells were subjected to SDS PAGE followed by western blot with FNab10431(ADAM17 Antibody) at dilution of 1:1000