

Datasheet for ABIN614668
anti-ADAM17 antibody (AA 215-315)



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4 Images

Overview

Quantity:	50 µg
Target:	ADAM17
Binding Specificity:	AA 215-315
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ADAM17 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant protein, ADAM17 (NP_003174, 215 a.a. ~ 315 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. Genename: ADAM17
Clone:	1F6
Isotype:	IgG2b
Specificity:	This antibody reacts to A Disintegrin And Metalloproteinase Domain 17 (ADAM17/TACE).
Purification:	Protein A Chromatography

Target Details

Target:	ADAM17
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Target Details

Alternative Name: CD156b / ADAM17 ([ADAM17 Products](#))

Background: Tumor-necrosis factor- α is a proinflammatory cytokine and contributes to a variety of inflammatory disease responses and programmed cell death. TNF- α is synthesized as a 26K type II membrane-bound precursor that is cleaved by a convertase to generate secreted 17K mature TNF- α . TNF- α converting enzyme (TACE) protein was recently purified and the human and mouse TACE cDNAs were cloned by several groups separately. TACE is a membrane-bound metalloprotease-disintegrin in the family of mammalian ADAM (for a disintegrin and metalloprotease). TACE also processes other cell surface proteins, including TNF receptor, TGF α , the L-selectin adhesion molecule, and alpha-cleavage of amyloid protein precursor (APP). TACE mRNA is expressed in a variety of human and murine tissues. TACE was selected as one of the few targets in cytokine activation by the Eighth International Conference of the Inflammation Research Association. ADAM17 is a Metallopeptidase M12B type protease. Synonyms: CSVP, Disintegrin and metalloproteinase domain-containing protein 17, Snake venom-like protease, TACE, TNF-alpha convertase, TNF-alpha-converting enzyme

Gene ID: 6868

NCBI Accession: [NP_003174](#)

UniProt: [P78536](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Response to Growth Hormone Stimulus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

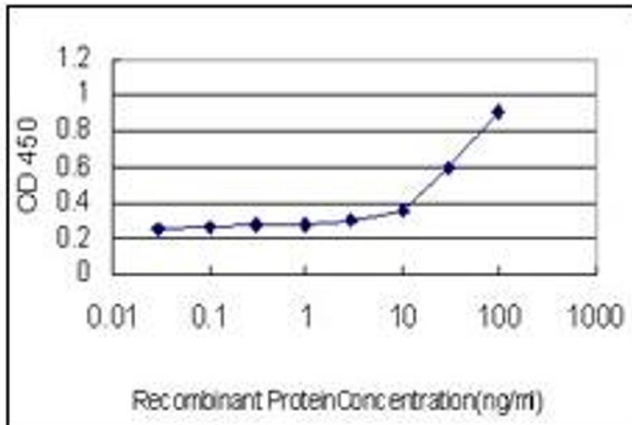
Restrictions: For Research Use only

Handling

Buffer: PBS, pH 7.2

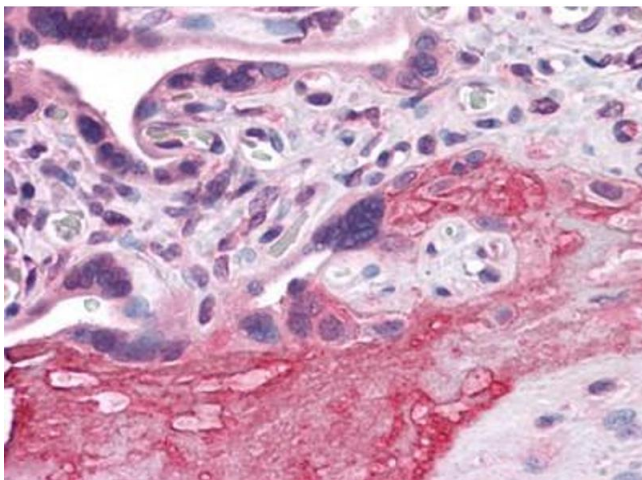
Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C



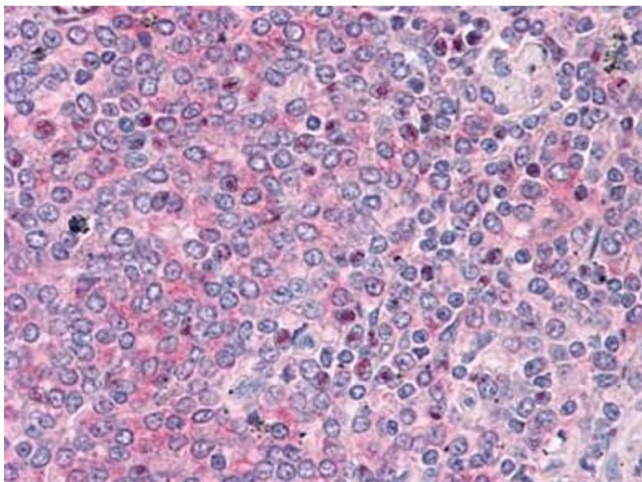
ELISA

Image 1.



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN614668.