

Anti-ADAM10 antibody

Cat. No.	D221496
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ADAM10 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human ADAM10
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ADAM10
Full name	ADAM metalloproteinase domain 10
Synonyms	kuz; AD10; MADM; CD156c; HsT18717
Swissprot	O14672

Target Background

Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes an ADAM family member that cleaves many proteins including TNF- α and E-cadherin. Cleaves the membrane-bound precursor of TNF- α at '76-Ala-[Val-77' to its mature soluble form. Responsible for the proteolytic release of soluble JAM3 from endothelial cells surface. Responsible for the proteolytic release of several other cell-surface proteins, including heparin-binding epidermal growth-like factor, ephrin-A2 and for constitutive and regulated α -secretase cleavage of amyloid precursor protein (APP).

订购热线: 4008-898-798

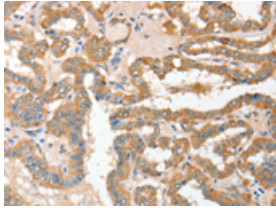
Applications

Immunohistochemistry

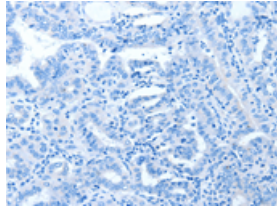
Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



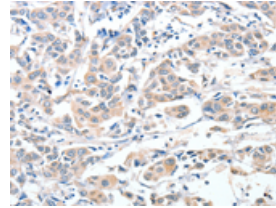
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221496(ADAM10 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)



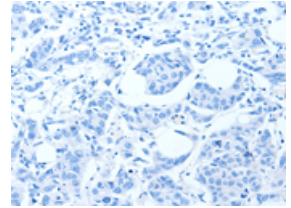
Predicted cell location: Cytoplasm

Positive control: Human breast cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using ml221496(ADAM10 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)



Western blotting

Predicted band size: 84 kDa

Positive control: PC3 cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

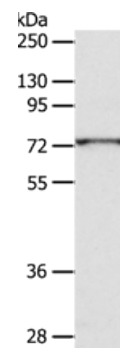
Lysate: 40 μ g

Lane: PC3 cells

Primary antibody: ml221496(ADAM10 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 1000-2000

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