

Product Name: ADAM10 Mouse Monoclonal Antibody**Catalog #: AMM82464**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	84kDa

Antigen Information

Gene Name	ADAM10
Alternative Names	RAK; kuz; AD10; AD18; MADM; CD156c; CDw156; HsT18717
Gene ID	102.0
SwissProt ID	O14672
Immunogen	Purified recombinant fragment of human ADAM10 (AA: EXTRA(20-119)) expressed in E. Coli.

Background

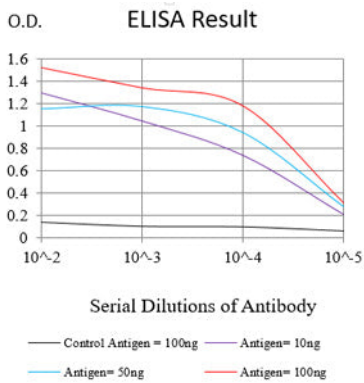
Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes an ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. Alternate splicing results in multiple transcript variants encoding different proteins that may undergo similar

processing.

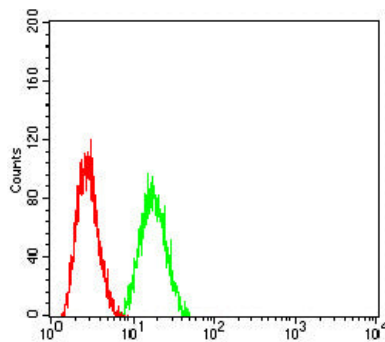
Research Area

Notch signaling pathway

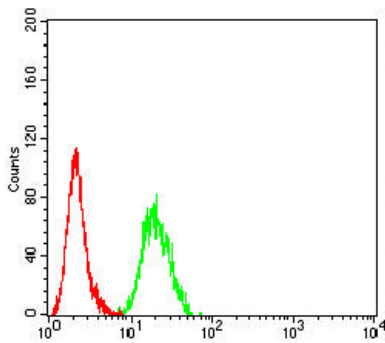
Image Data



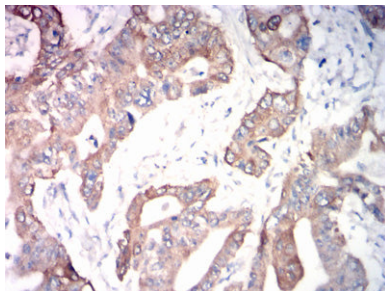
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



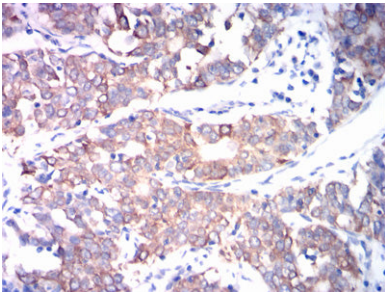
Flow cytometric analysis of Hela cells using ADAM10 mouse mAb (green) and negative control (red).



Flow cytometric analysis of THP-1 cells using ADAM10 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using ADAM10 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using ADAM10 mouse mAb with DAB staining.