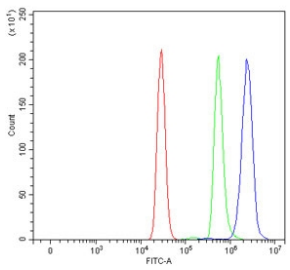
ADAM10 Antibody (RQ7053)

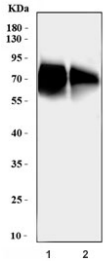
Catalog No.	Formulation	Size
RQ7053	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O14672
Applications	Western blot: 0.5-1 ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This ADAM10 antibody is available for research use only.



Flow cytometry testing of human U937 cells with ADAM10 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ADAM10 antibody.



Western blot testing of human 1) RT4 and 2) A549 cell lysate with ADAM10 antibody. Predicted molecular weight: ~84 kDa (full length), ~60 kDa (active form), ~80 kDa (glycosylated active form), ~110 kDa (glycosylated full length).

Description

A Disintegrin and metalloproteinase domain-containing protein 10, also known as ADAM10 or CDw156 or CD156c is a protein that in humans is encoded by the ADAM10 gene. Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes and 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.

Application Notes

Optimal dilution of the ADAM10 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A217-D311) was used as the immunogen for the ADAM10 antibody.

Storage

After reconstitution, the ADAM10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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