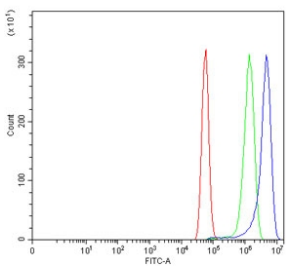
ADAM8 Antibody / MS2 (RQ7054)

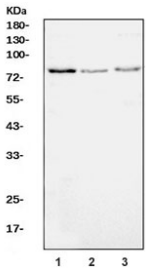
Catalog No.	Formulation	Size
RQ7054	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	P78325
Applications	Western Blot : 0.5-1 ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ADAM8 antibody is available for research use only.



Flow cytometry testing of human U-87 MG cells with ADAM8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ADAM8 antibody.



Western blot testing of 1) human Raji, 2) human Caco-2 and 3) rat PC-12 cell lysate with ADAM8 antibody. Predicted molecular weight: ~89/79 kDa (isoforms 1/3).

Description

A Disintegrin and metalloproteinase domain-containing protein 8 is an enzyme that in humans is encoded by the ADAM8 gene. 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 biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene may be involved in cell adhesion during neurodegeneration, and it is thought to be a target for allergic respiratory diseases, including asthma. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the ADAM8 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R41-L290) was used as the immunogen for the ADAM8 antibody.

Storage

After reconstitution, the ADAM8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.