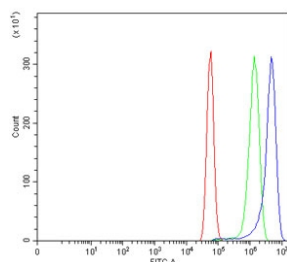


## ADAM8 Antibody / MS2 (RQ7054)

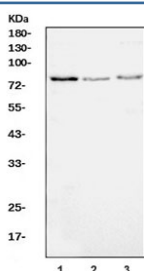
Catalog No.	Formulation	Size
RQ7054	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P78325
<b>Applications</b>	Western Blot : 0.5-1 ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.