

Recombinant ADAM15/MDC15 Monoclonal Antibody

catalog number: AN300194P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human ADAM15 protein

 Host
 Rabbit

 Isotype
 IgG

 Clone
 B112

 Purification
 Protein A

Buffer 0.2 µm filtered solution in PBS

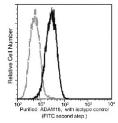
Applications Recommended Dilution

 IHC-P
 1:1000-1:4000

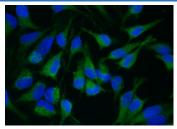
 ICC/IF
 1:20-1:100

 FCM
 1:25-1:100

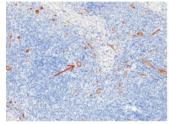
Data

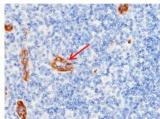


Profile of anti-ADAM15 reactivity on MCF-7 cells analyzed by flow cytometry.

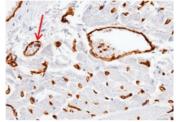


Immunofluorescence analysis of Human ADAM15 in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human ADAM15 Monoclonal Antibody (1:60) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm.





Immunohistochemistry of paraffin-embedded human lymphonode of endothelial cells using ADAM15 / MDC15 Monoclonal Antibody at dilution of 1:2000.



Immunohistochemistry of paraffin-embedded human heart blood vessel using ADAM15 / MDC15 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of

activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

For Research Use Only

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Background

The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 0. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.

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