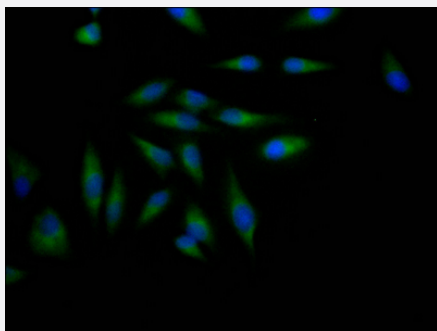


RecomAb™

ADAM17 recombinant monoclonal antibody, clone 5A1

Catalog # RAB04147 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of HeLa Cells with ADAM17 recombinant monoclonal antibody, clone 5A1 at 1:50, counter-stained with DAPI.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ADAM17.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human ADAM17.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence staining of Hela Cells with ADAM17 recombinant monoclonal antibody, clone 5A1 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADAM17

Entrez GeneID [6868](#)

Protein Accession# [P78536](#)

Gene Name ADAM17

Gene Alias CD156b, MGC71942, TACE, cSVP

Gene Description ADAM metalloproteinase domain 17

Omim ID [603639](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway. [provided by RefSeq]

Other Designations TNF-alpha converting enzyme|a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme)|snake venom-like protease|tumor necrosis factor, alpha, converting enzyme

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)

- [Notch signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Myocardial Infarction](#)
- [Peripheral Vascular Diseases](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)