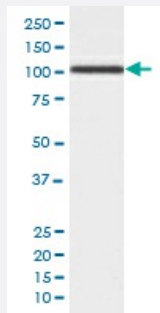


# ADAM17 monoclonal antibody, clone AOIO-1

Catalog # MAB19529      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with ADAM17 monoclonal antibody.

## Specification

**Product Description** Rabbit monoclonal antibody raised against synthetic peptide of human ADAM17.

**Immunogen** A synthetic peptide corresponding to human ADAM17.

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Form** Liquid

**Purification** Affinity purification

**Isotype** IgG

**Recommend Usage**

- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunoprecipitation (1:50)
- Flow Cytometry (1:100)
- Western Blot (1:500-1:2000)
- The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage Instruction**

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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

- Western Blot (Cell lysate)

Western blot analysis of Hela cell lysate with ADAM17 monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

## Gene Info — ADAM17

**Entrez GeneID**[6868](#)**Protein Accession#**[P78536](#)**Gene Name**

ADAM17

**Gene Alias**

CD156b, MGC71942, TACE, cSVP

**Gene Description**

ADAM metallopeptidase 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](#)