

## Product datasheet for **TA371199**

### ADAM19 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Nucleus and Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ADAM19
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	ADAM metallopeptidase domain 19
Database Link:	<a href="#">Entrez Gene 8728 Human Q9H013</a>



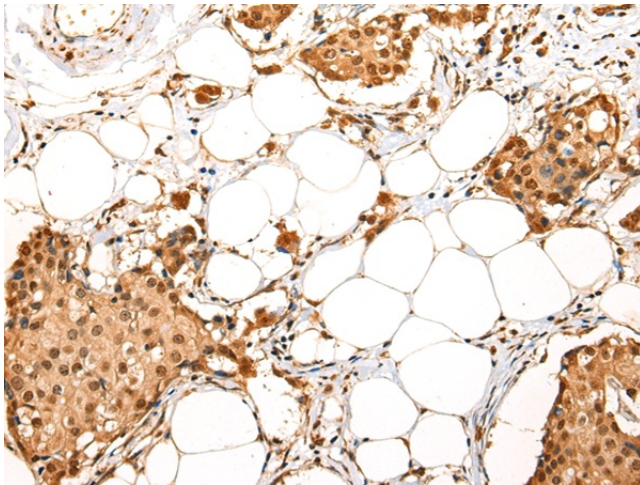
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**Background:**

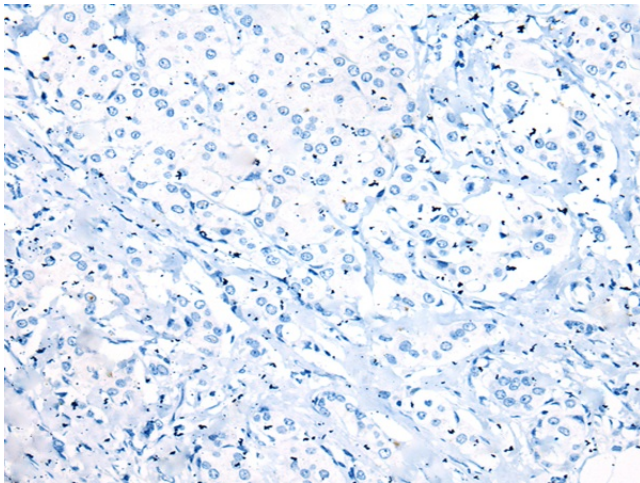
This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimer's disease.

**Synonyms:**

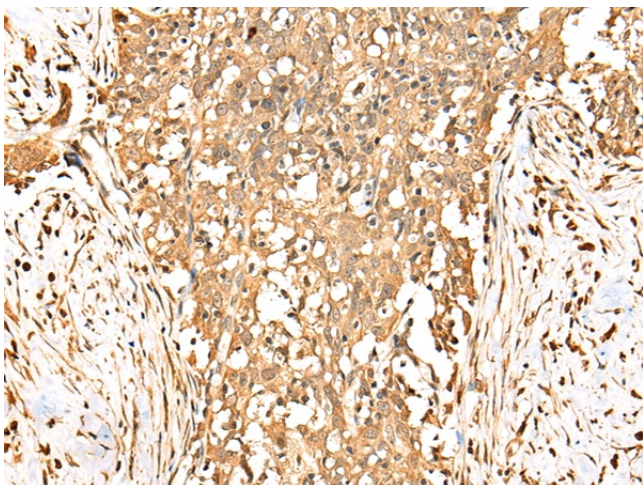
FKSG34; MADDAM; Meltrin-beta; MLTNB

**Product images:**

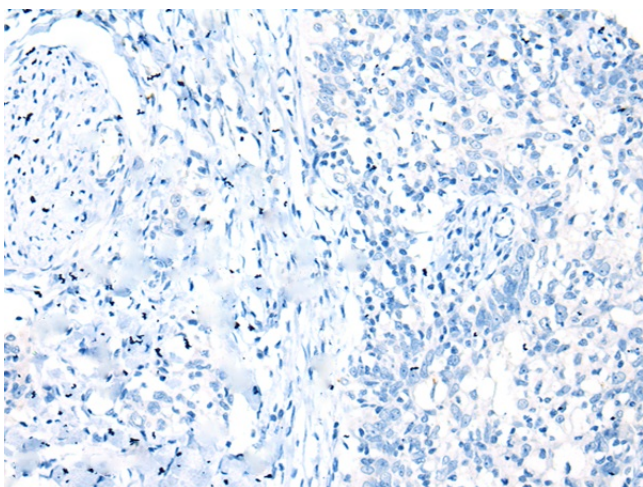
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA371199 (ADAM19 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA371199 (ADAM19 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371199 (ADAM19 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA371199 (ADAM19 Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification:  $\times 200$ )