

## ADAM19 RABBIT PAB

**Cat.#:** S220266

**Product Name:** Anti-ADAM19 Rabbit Polyclonal Antibody

**Synonyms:** MLTNB; FKSG34; MADDAM

**UNIPROT ID:** Q9H013 (Gene Accession - NP\_150377 )

**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.

**Immunogen:** Synthetic peptide of human ADAM19

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

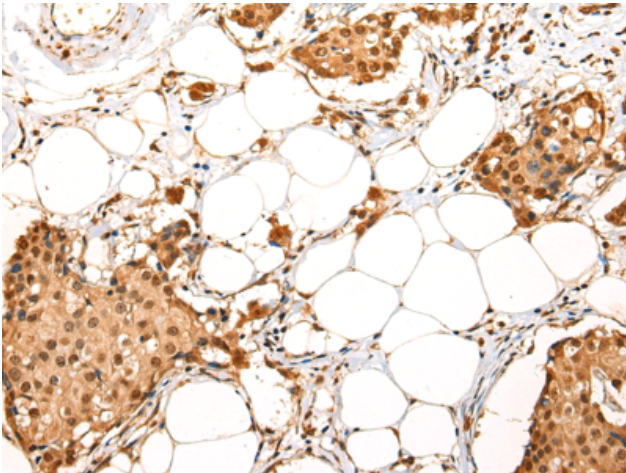
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

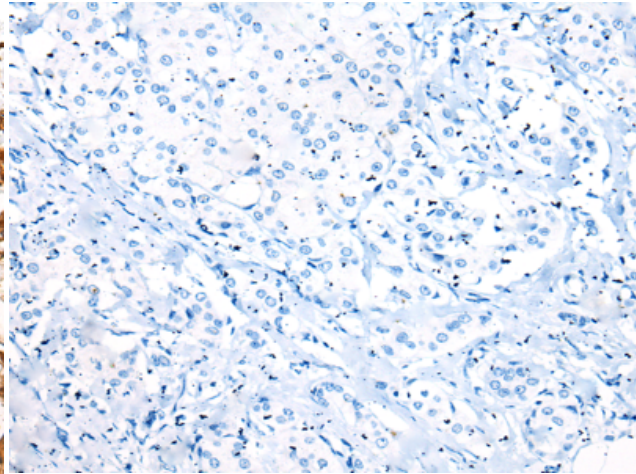
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cell Biology

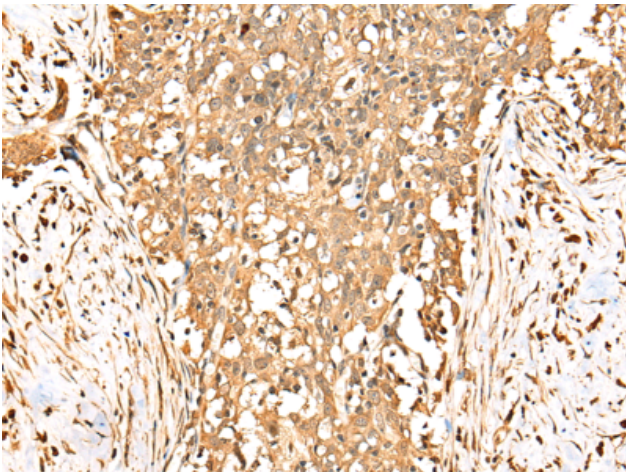
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



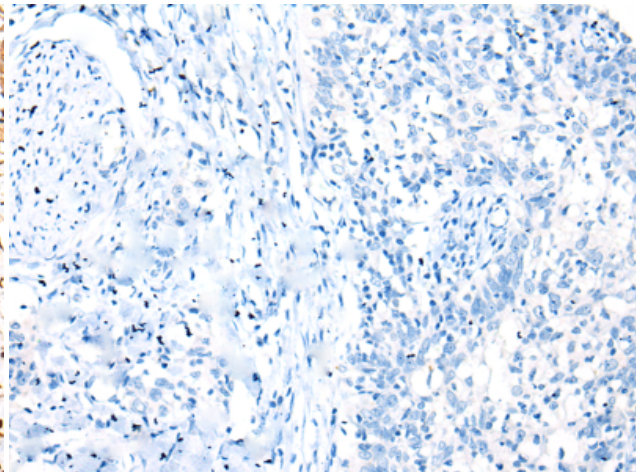
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 220266(ADAM19 Antibody) at a dilution of 1/20(Nucleus and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the synthetic peptide and then with 220266(Anti-ADAM19 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 220266(Anti-ADAM19 Antibody) at a dilution of 1/20.



In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D261232(Anti-ADAM19 Antibody) at dilution 1/20.