

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MMP19 RABBIT PAB**

Cat.#: S219923

**Product Name:** Anti-MMP19 Rabbit Polyclonal Antibody

Synonyms: CODA; MMP18; RASI-1

UNIPROT ID: Q99542 (Gene Accession - NP\_002420)

**Background:** This gene encodes a member of a family of proteins that are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded protein is secreted as an inactive proprotein, which is activated upon cleavage by extracellular proteases. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Jan 2013]

Immunogen: Synthetic peptide of human MMP19

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

**Purification:** Antigen affinity purification

Species Reactivity: Human

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

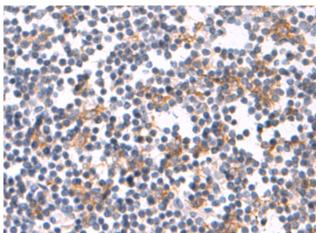
Research Areas: Signal Transduction, Cardiovascular, Cancer, Cell Biology

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

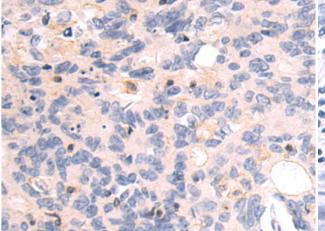


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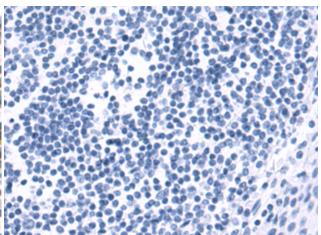
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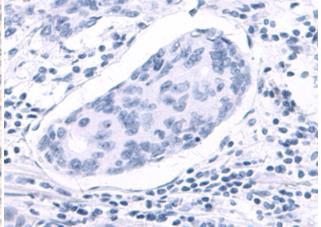
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219923(MMP19 Antibody) at a dilution of 1/50(Secreted).



The image on the left is immunohistochemistry of paraffinembedded Human colorectal cancer tissue using 219923(Anti-MMP19 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 219923(Anti-MMP19 Antibody) at dilution 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic peptide and then with D260629(Anti-MMP19 Antibody) at dilution 1/50.