

## MMP10 RABBIT PAB

**Cat.#:** S219921

**Product Name:** Anti-MMP10 Rabbit Polyclonal Antibody

**Synonyms:** SL-2, STMY2

**UNIPROT ID:** P09238 (Gene Accession - NP\_002416 )

**Background:** Proteins of the matrix metalloproteinase (MMP) family 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

**Immunogen:** Synthetic peptide of human MMP10

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 15-50;WB: 500-2000;ELISA: 1000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

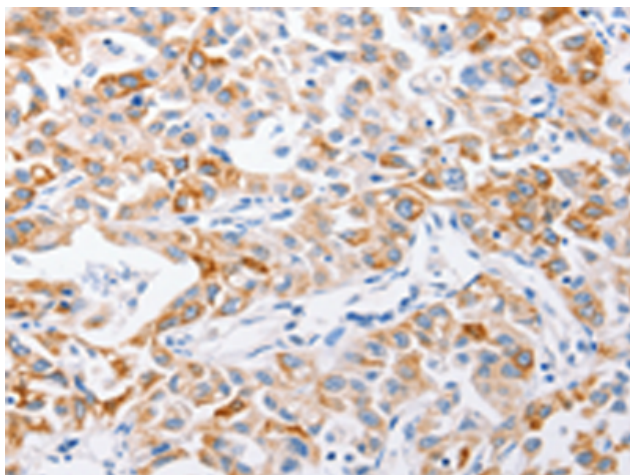
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

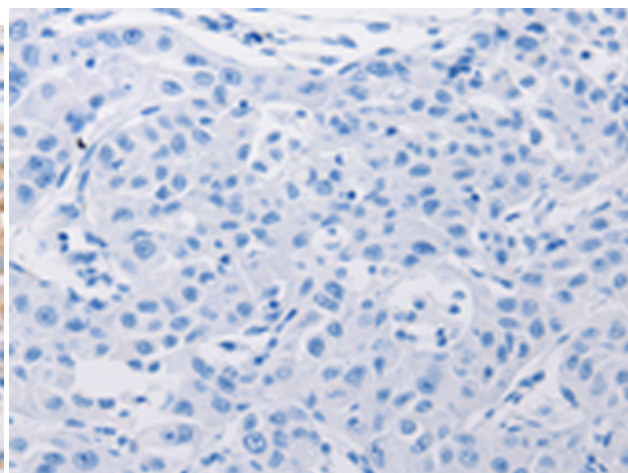
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

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

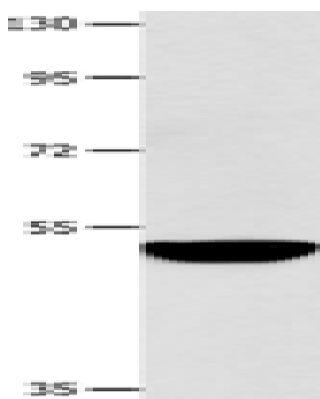
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 219921(MMP10 Antibody) at a dilution of 1/15(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the synthetic peptide and then with 219921(Anti-MMP10 Antibody) at dilution 1/15.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane: NIH/3T3 cells;  
Primary antibody: 219921(MMP10 Antibody) at dilution 1/200;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 1 minute