

Product datasheet for **TA323954**

MMP1 Rabbit Polyclonal Antibody

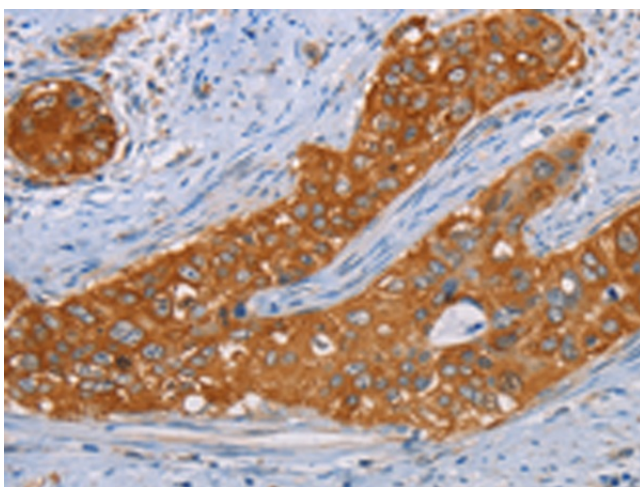
Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 12-200 amino acids of human matrix metalloproteinase 1 (interstitial collagenase)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	matrix metalloproteinase 1
Database Link:	NP_002412 Entrez Gene 4312 Human P03956

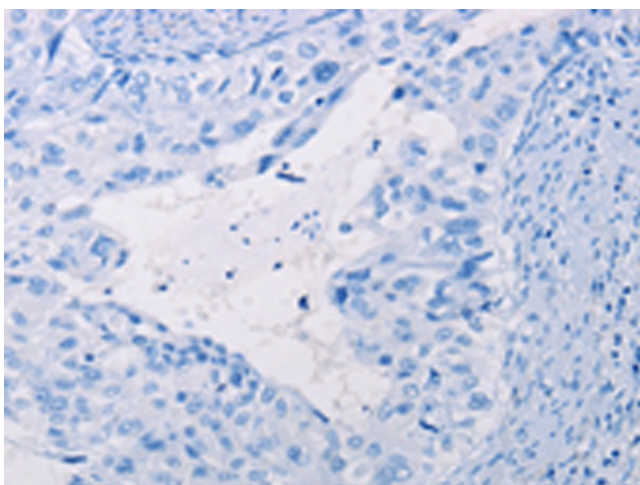


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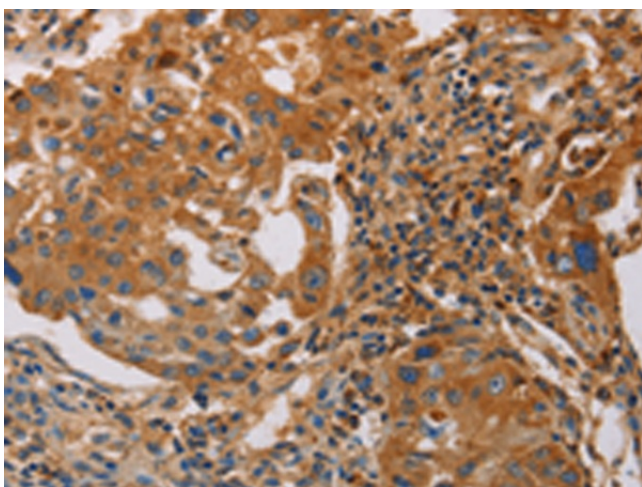
- Background:** Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes a secreted enzyme which breaks down the interstitial collagens, types I, II, and III. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants.
- Synonyms:** CLG; CLGN
- Protein Families:** Druggable Genome, Protease, Secreted Protein
- Protein Pathways:** Bladder cancer, Pathways in cancer, PPAR signaling pathway

Product images:

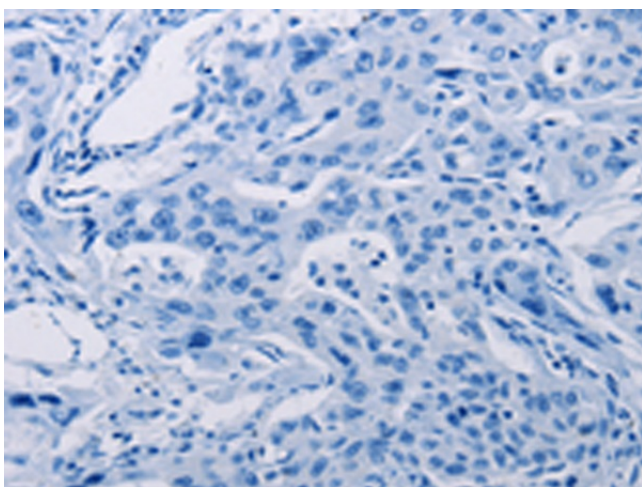
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323954 (MMP1 Antibody) at dilution 1/55 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323954 (MMP1 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323954 (MMP1 Antibody) at dilution 1/55 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA323954 (MMP1 Antibody) at dilution 1/55, treated with fusion protein. (Original magnification: $\times 200$)