

bsm-63120R**[Primary Antibody]****BioSS**
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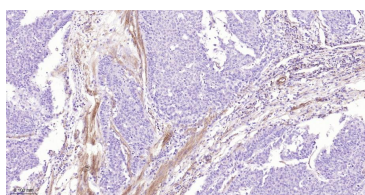
MMP1 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 9F8**GeneID:** 4312**SWISS:** P03956**Target:** MMP1**Immunogen:** A synthesized peptide derived from human MMP1: 110-145.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity.**Applications:** IHC-P (1:50-200)

IHC-F (1:50-200)

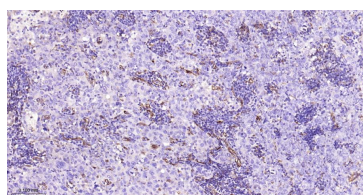
IF (1:50-200)

Flow-Cyt (1:50-100)

ICC/IF (1:50-200)

Reactivity: Human, Mouse**Predicted
MW.:** 54 kDa**Observed
MW.:** 54 kDa**Subcellular
Location:** Extracellular matrix**VALIDATION IMAGES**

Paraformaldehyde-fixed, paraffin embedded Human Esophagus Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MMP1 Monoclonal Antibody, Unconjugated (bsm-63120R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MMP1 Monoclonal Antibody, Unconjugated (bsm-63120R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=2.6]** Han Wang. et al. Ganoderma lucidum extract reduces skin aging by reducing mitochondrial stress and controlling mitochondrial numbers. FITOTERAPIA. 2025 May;;106627 IHC ;Mouse. 40381851