

MMP-19 (G44) polyclonal antibody

Catalog: BS1235

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

MMP-19 (RASI-1, MMP-18) is a 508 amino acid peptide, originally isolated as an autoantigen from the synovium of a patient suffering from rheumatoid arthritis (RA). Its presence on the surface of activated PBMCs, TH1 lymphocytes, and Jurkat T lymphoma cells in the synovium of acute RA patients, suggests that MMP-19 plays a role in RA-associated joint tissue destruction. MMP-19 exists in the smooth muscle cells of the tunica media of large blood vessels of the RA patient, but not in the endothelial cell layer. Acutely inflamed tissue synovial capillaries strongly express MMP-19 in the cytoplasm. Regulated induction of MMP-19 in capillary endothelial cells during acute inflammation suggest a role in angiogenesis. MMP-19 is a single 2.7kb transcript found in mammary gland, placenta, lung, pancreas, ovary, small intestine, spleen, thymus, prostate, testis, colon, and heart.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 57 kDa

Swiss-Prot:

Q99542

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

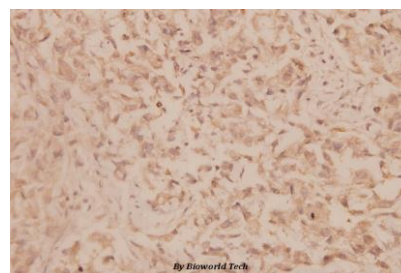
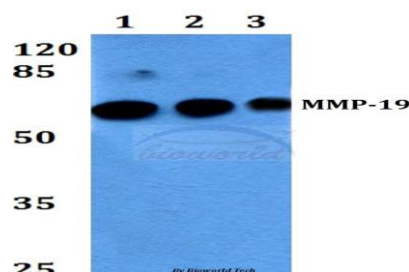
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

MMP-19 (G44) polyclonal antibody detects endogenous levels of MMP-19 protein.

DATA:



Immunohistochemistry (IHC) analyzes of MMP-19 (G44) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

For research use only, not for use in diagnostic procedure.

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