

MMP-14 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251938

Unit: 0.1 mg

Description:

Matrix metalloproteinase-14 (MMP-14) specifically activates progelatinase A on the surface of tumor cells, thereby triggering metastasis. MMP-14 activates progelatinase A by cleavage of the propeptide at 37-Asn-Ile-38. Other bonds hydrolyzed include 35-Gly-Ile-36 in the propeptide of collagenase 3, and 341-Asn-Phe-342, 441-Asp-Leu-442 and 354-Gln-Thr-355 in the aggrecan interglobular domain.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

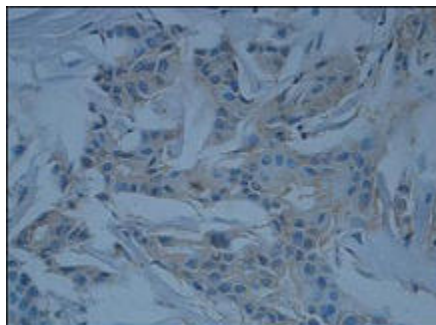
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: MMP-14; Matrix metalloproteinase-14; Membrane-type matrix metalloproteinase 1; MT-MMP1; MTMMP1; Membrane-type-1 matrix metalloproteinase; MT1-MMP; MT1MMP; MMP-X1; MMP14

Accession No.: P50281

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MMP-14.

Application Notes: E: 1:1,000-1:10,000; WB: 1:100-1:500; IHC: 1:100-1:500



MMP-14 staining in human breast carcinoma: Paraffin-embedded human breast carcinoma is stained with MMP-14 Antibody (Cat. No. 251938) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.