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Research Use Only. Not for diagnostic or therapeutic use.

EB09846 - Goat Anti-MMP12 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HME, macrophage elastase, macrophage metalloelastase, matrix metallopeptidase 12 (macrophage elastase), matrix metalloproteinase 12, matrix metalloproteinase 12 (macrophage elastase), MGC138506, MME, MMP12

Official Symbol: MMP12

Accession Number(s): NP_002417.2

Human GeneID(s): 4321

Immunogen

Peptide with sequence C-RPKTSVNLISS, from the internal region of the protein sequence according to NP_002417.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx 55kDa band observed in Human Breast Cancer lysates (calculated MW of 54.0kDa according to NP_002417.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Dog, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB09846 (0.5 μ g/ml) staining of Human Breast Cancer lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.