



Goat anti-MMP12 Antibody

Item Number	dAP-2039
Target Molecule	Principle Name: MMP12; Official Symbol: MMP12; All Names and Symbols: MMP12; matrix metalloproteinase 12 (macrophage elastase); HME; MGC138506; MME; macrophage elastase; macrophage metalloelastase; matrix metalloproteinase 12; matrix metalloproteinase 12 (macrophage elastase); Accession Number (s): NP_002417.2; Human Gene ID(s): 4321; Non-Human GeneID(s):
Immunogen	RPKTSVNLISS, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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.
IHC	
Reference	Reference(s): Mirowska-Guzel D, Gromadzka G, Czlonkowski A, Czlonkowska A, Association of MMP1, MMP3, MMP9, and MMP12 polymorphisms with risk and clinical course of multiple sclerosis in a Polish population. Journal of neuroimmunology 2009 Sep 214 (1-2): 113-7..PMID: 19628284->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**