

Goat anti-MMP9 Antibody

Item Number	dAP-3135
Target Molecule	Principle Name: MMP9; Official Symbol: MMP9; All Names and Symbols: MMP9; matrix metalloproteinase 9; gelatinase B; 92kDa gelatinase; 92kDa type IV collagenase; HGNC:7176; CLG4B; GELB; 92kD type IV collagenase; gelatinaseB; macrophage gelatinase; matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV coll; Accession Number (s): NP_004985.2; Human Gene ID(s): 4318; Non-Human GeneID(s):
Immunogen	KLDSVFEEPLSKK, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 64000.
Western Blot	Western Blot: Approx.80kDa and 70kDa bands observed in Human Peripheral Blood Mononucleocytes lysates. These bands correspond to the mature forms (http://www.uniprot.org/uniprot/P14780). This protein has a calculated MW of 78.5kDa according to NP_004985.
IHC	
Reference	Reference(s): Gurer G, Erdem S, Kocafe C, Ozguc M, Tan E. Expression of matrix metalloproteinases in vasculitic neuropathy. Rheumatol Int. 2004 Sep;24(5):255-9. Epub 2003 Nov 04. .PMID: 14598179 ->

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**