

## Goat anti-MMP14 Antibody

<b>Item Number</b>	dAP-2883
<b>Target Molecule</b>	Principle Name: MMP14; Official Symbol: MMP14; All Names and Symbols: MMP14; matrix metalloproteinase 14 (membrane-inserted); 1; MMP-14; MMP-X1; MT-MMP; MT-MMP 1; MT1-MMP; MT1MMP; MTMMP1; matrix metalloproteinase 14 (membrane-inserted); matrix metalloproteinase-14; membrane type 1 metalloproteinase; membrane-type matrix metalloproteinase; Accession Number (s): NP_004986.1; Human Gene ID (s): 4323; Non-Human GeneID(s): 17387 (mouse) 81707 (rat)
<b>Immunogen</b>	ESATPLRFREVP, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: Approx 60kDa band observed in lysates of cell lines NIH3T3, A549 and HeLa (calculated MW of 65.9kDa according to NP_004986.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	

**Reference** Reference(s): Ueda M, Yamashita Y, Takehara M, Terai Y, Kumagai K, Ueki K, Kanda K, Yamaguchi H, Akise D, Hung YC, Ueki M. Survivin gene expression in endometriosis. J Clin Endocrinol Metab. 2002 Jul;87(7):3452-9..PMID: 12107265->

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**