

## Goat anti-myeloperoxidase Antibody

<b>Item Number</b>	dAP-2798
<b>Target Molecule</b>	Principle Name: myeloperoxidase; Official Symbol: MPO; All Names and Symbols: MPO; myeloperoxidase; Accession Number (s): NP_000241.1; Human Gene ID(s): 4353; Non-Human GeneID(s):
<b>Immunogen</b>	DKAYKERRESIKQ, is from internal region (near N terminus) The immunizing peptide represents the N terminus of the mature protein.
<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 85kDa band observed in Human Peripheral Blood Mononucleocytes lysates (calculated MW of 83.9kDa according to NP_000241.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	

<b>Reference</b>	Reference(s): Rebeiz AG, Tamim HM, Sleiman RM, Abchee AG, Ibrahim Z, Khoury MY, Youhanna S, Skouri HN, Alam SE. Plasma myeloperoxidase concentration predicts the presence and severity of coronary disease in patients with chest pain and negative troponin-T. Coron Artery Dis. 2011 Dec;22(8):553-
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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**