Goat anti-PGRP-S Antibody

Item Number	dAP-1439
Target Molecule	Principle Name: PGRP-S; Official Symbol: PGLYRP1; All Names and Symbols: PGRP-S; PGRPS; PGLYRP1; peptidoglycan recognition protein 1; MGC126894; MGC126896; PGLYRP; PGRP; TAG7; TNFSF3L; TNF superfamily, member 3 (LTB)-like (peptidoglycan recognition protein); Accession Number (s): NP_005082.1; Human Gene ID(s): 8993; Non-Human GeneID(s):
Immunogen	PGNQLYHLIQN, is from C Terminus
Applications	Pep ELISA, WB, IHC
	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; Reconsititute 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 30kDa band observed in lysates of cell line Jurkat (calculated MW of 21.7kDa according to NP_005082.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lu et al, J Biol Chem. 20
IHC	Immunohistochemistry: In paraffin embedded Human Spleen shows staining of select splenocytes. Recommended concentration, 3-6µg/ml.
Reference	Reference(s): Lu X, Wang M, Qi J, Wang H, Li X, Gupta D, Dziarski R. Peptidoglycan recognition proteins are a new class of human bactericidal proteins. J Biol Chem. 2006 Mar 3;281(9):5895-907. Epub 2005 Dec 14..PMID: 16354652 ->

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