

Datasheet for ABIN263167
anti-PGLYRP1 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	PGLYRP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PGLYRP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PGRP-S
Immunogen:	Peptide with sequence C-PGNQLYHLIQN, from the C Terminus of the protein sequence according to NP_005082.1.
Sequence:	PGNQLYHLIQ N
Isotype:	IgG
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

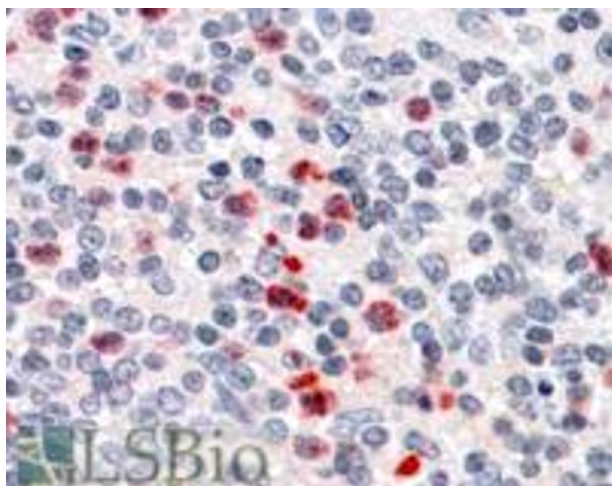
Target:	PGLYRP1
Alternative Name:	PGLYRP1 (PGLYRP1 Products)
Background:	PGRP-S, PGRPS, PGLYRP1, peptidoglycan recognition protein 1, MGC126894, MGC126896, PGLYRP, PGRP, TAG7, TNFSF3L, TNF superfamily, member 3 (LTB)-like (peptidoglycan recognition protein)
Gene ID:	8993
NCBI Accession:	NP_005082
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Immunohistochemistry: In paraffin embedded Human Spleen shows staining of select splenocytes. Recommended concentration, 3-6 µg/mL. Western Blot: Approx 30 kDa band observed in lysates of cell line Jurkat (calculated MW of 21.7 kDa 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 Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN263167 (3.8µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

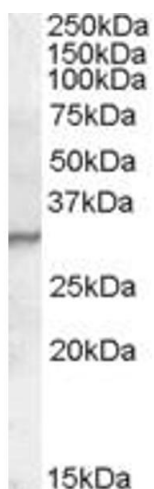


Image 2. ABIN263167 (0.3µg/ml) staining of Jurkat lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.