

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08053 - Goat Anti-PGRP-S Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PGRP-S, PGRPS, PGLYRP1, peptidoglycan recognition protein 1, MGC126894, MGC126896, PGLYRP, PGRP, TAG7, TNFSF3L, TNF superfamily, member 3 (LTB)-like (peptidoglycan recognition protein)

**Official Symbol:** PGLYRP1

**Accession Number(s):** NP\_005082.1

**Human GeneID(s):** [8993](#)

### Immunogen

Peptide with sequence C-PGNQLYHLIQN, from the C Terminus of the protein sequence according to NP\_005082.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

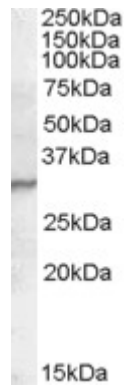
**Western blot:** Approx 30kDa band observed in lysates of cell line Jurkat (calculated MW of 21.7kDa according to NP\_005082.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Lu et al, J Biol Chem. 2006 Mar 3;281(9):5895-907; PMID: 16354652). Recommended concentration: 0.3-1µg/ml.

**IHC:** In paraffin embedded Human Spleen shows staining of select splenocytes. Recommended concentration, 3-6µg/ml.

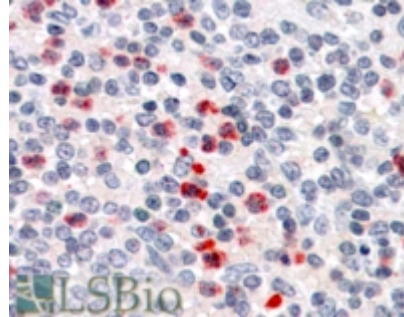
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog



EB08053 (0.3 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.



EB08053 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.