

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PGLYRP4/PGRP-I β in Western blots. In Western blots, approximately 50% cross-reactivity with recombinant mouse PGRP-I β is observed and 10% cross-reactivity with recombinant human PGRP-S is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human PGLYRP4/PGRP-I β Asp18-Lys372 Accession # AAI07158
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μ g/mL	Recombinant Human PGLYRP4/PGRP-I β

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

PGLYRP4/PGRP-I β belongs to the family of human recognition molecules that bind peptidoglycan and gram-positive bacteria. It is a member of the N-acetylmuramoyl-L-alanine amidase #2 family. PGRP-I β is primarily expressed in esophagus and has two predicted transmembrane domains and extracellular N- and C-termini. The amino acid sequence of human PGRP-I β is 75% and 73% identical to that of mouse and rat PGRP-I β , respectively.