

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PGLYRP4/PGRP-I β in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 50% cross-reactivity with recombinant mouse PGRP-I β is observed and 10% cross-reactivity with recombinant human PGRP-I β .
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human PGLYRP4/PGRP-I β Asp18-Lys372 Accession # Q96LB8
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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.

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