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PGLYRP4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18508c

Specification

PGLYRP4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q96LB8

PGLYRP4 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 57115

Other Names
Peptidoglycan recognition protein 4, Peptidoglycan recognition protein I-beta, PGLYRPIbeta, PGRP-I-beta, Peptidoglycan recognition protein intermediate beta, PGLYRP4, PGRPIB

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PGLYRP4 Antibody (Center) Blocking Peptide - Protein Information

Name PGLYRP4

Synonyms PGRPIB

Function
Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity.

Cellular Location
Secreted.

Tissue Location
Detected in skin epidermis, eccrine sweat glands and ducts, mucous cells in the submandibular salivary gland, mucous cells in the throat, ciliary body epithelial cells of the eye, small intestine, colon, stomach and in mature epithelial cells of the tongue (at protein level). High expression in skin and esophagus. Expressed also to a much lesser extent in the tonsils and thymus

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PGLYRP4 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

PGLYRP4 Antibody (Center) Blocking Peptide - Images

PGLYRP4 Antibody (Center) Blocking Peptide - Background

Peptidoglycan recognition proteins, such as PGRPI-beta,are part of the innate immune system and recognize peptidoglycan, aubiquitous component of bacterial cell walls.

PGLYRP4 Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Davila, S., et al. Genes Immun. 11(3):232-238(2010)Cho, S., et al. Proc. Natl. Acad. Sci. U.S.A. 104(21):8761-8766(2007)Lu, X., et al. J. Biol. Chem. 281(9):5895-5907(2006)Sun, C., et al. Hum. Genet. 119 (1-2), 113-125 (2006) :