

Catalog No. LF-MA0135

MONOCLONAL ANTIBODY



Anti-PGRP-L (45G1)

Background : Peptidoglycan recognition proteins (PGRPs) are pattern recognition molecules that recognize bacteria and their unique cell wall component, peptidoglycan (PGN).

Mammals have four PGRPs, designated in humans PGRP-S(24kDa), PGRP-L(60~65kDa), PGRP-I α (38kDa), and PGRP-I β (44kDa). Human PGRPs are differentially expressed in various tissues and organs: PGRP-S mainly in the bone marrow and Polymorphonuclear leukocyte (PMNs), PGRP-L mainly in the liver, and PGRP-I α and PGRP-I β mainly in the esophagus.

The function of only one mammalian PGRP, PGRP-S, is currently known. Mouse PGRP-S is present in neutrophils and inhibits growth of Gram-positive bacteria and, therefore, may function as a neutrophil antibacterial protein.

Immunogen : Peptidoglycan recognition protein(PGRP)-L purified from Human protein

Host : Mouse

Clone number : 45G1

Isotype : IgG1, k

Size : 100 μ l

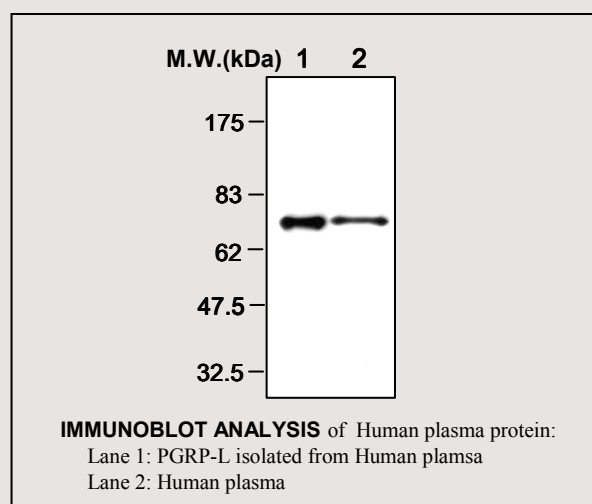
Composition : PBS containing 50% glycerol

Positive control : Human plasma

Storage : Store for 1 year at -20°C from date of shipment

Species cross reactivity

Human +	Mouse NT	Rat NT
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Applications :

ELISA

Western blotting(1:2000)

Background Reference :

- 1) Zheng-Ming Wang et. al. (2003) *J Biol Chem* **278** (49): 49044-49052
- 2) Chao Liu et. al. (2001) *J Biol Chem* **276**(37): 34686-34694

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