



# PGRP3 Monoclonal Antibody

Catalog No	BYmab-07326
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PGLYRP3 PGRPIA
Protein Name	Peptidoglycan recognition protein 3 (Peptidoglycan recognition protein I-alpha) (PGLYRP1alpha) (PGRP-I-alpha) (Peptidoglycan recognition protein intermediate alpha)
Immunogen	Synthesized peptide derived from human protein . at AA range: 51-100
Specificity	PGRP3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	37kD
Cell Pathway	Secreted .
Tissue Specificity	Detected in skin epidermis, eccrine sweat glands and ducts, ciliary body epithelial cells of the eye, in small intestine, colon, stomach and in mature epithelial cells of the tongue (at protein level). Highly expressed in skin and esophagus, expressed also in tonsils and thymus and to a much lesser extent in the stomach, descending colon, rectum and brain.
Function	function: Binds to murein peptidoglycans (PGN) of Gram-positive bacteria. May play a role in innate immunity., similarity: Belongs to the N-acetylmuramoyl-L-alanine amidase 2 family., subunit: Monomer and dimer., tissue specificity: Highly expressed in the esophagus, expressed also in tonsils and thymus and to a much lesser extent in the stomach, descending colon, rectum and brain.,

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**Background**

This gene encodes a peptidoglycan recognition protein, which belongs to the N-acetylmuramoyl-L-alanine amidase 2 family. These proteins are part of the innate immune system and recognize peptidoglycan, a ubiquitous component of bacterial cell walls. This antimicrobial protein binds to murein peptidoglycans of Gram-positive bacteria. [provided by RefSeq, Oct 2014],

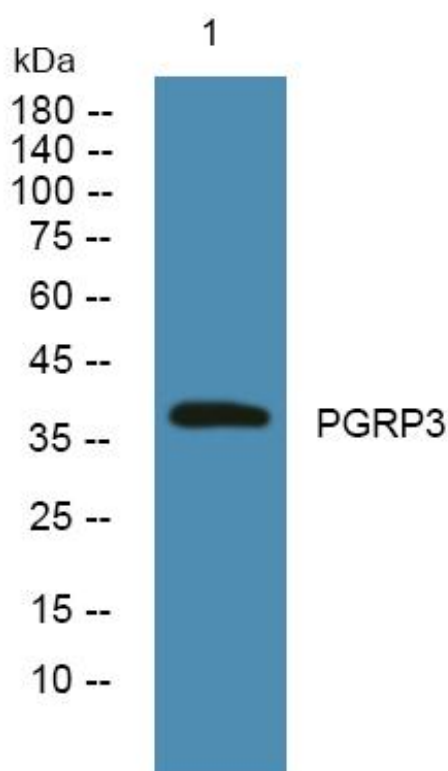
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using PGRP3 Monoclonal Antibody