

ARG64548 anti-PGRPS antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PGRPS
Tested Reactivity	Hu
Predict Reactivity	Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PGRPS
Species	Human
Immunogen	C-PGNQLYHLIQN
Conjugation	Un-conjugated
Alternate Names	TAG7; PGRP; PGRPS; PGLYRP; Peptidoglycan recognition protein short; TNFSF3L; PGRP-S; Peptidoglycan recognition protein 1

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 6 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

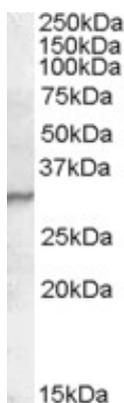
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

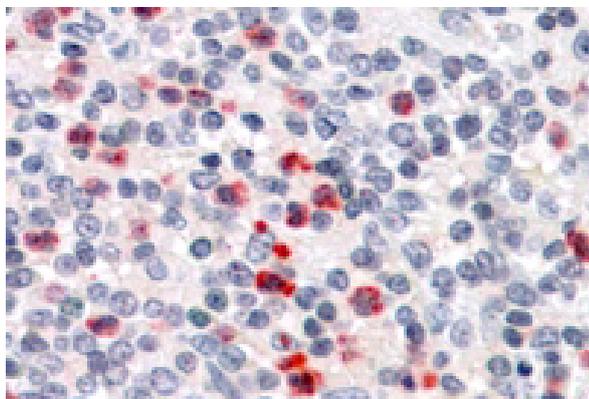
Database links	GeneID: 8993 Human Swiss-port # O75594 Human
Gene Symbol	PGLYRP1
Gene Full Name	peptidoglycan recognition protein 1
Function	Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive 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. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Immune System antibody; Microbiology and Infectious Disease antibody; Neuroscience antibody
Calculated Mw	22 kDa
PTM	N-glycosylated. N-glycosylation is required for bactericidal activity.

Images



ARG64548 anti-PGRPS antibody WB image

Western blot: Jurkat lysate (35 µg protein in RIPA buffer) stained with ARG64548 anti-PGRPS antibody at 0.3 µg/ml dilution.



ARG64548 anti-PGRPS antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Spleen. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64548 anti-PGRPS antibody at 3.8 µg/ml dilution followed by AP-staining.