

Anti-PGRPS antibody [188C424] ab13903

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製品の概要

製品名	Anti-PGRPS antibody [188C424]
製品の詳細	Mouse monoclonal [188C424] to PGRPS
由来種	Mouse
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Human
免疫原	Synthetic peptide: YVLKGHRDVQRTLSPG , corresponding to amino acids 165-180 of Human PGRPS. Run BLAST with Expasy Run BLAST with NCBI
ポジティブ・コントロール	IHC: Human esophagus cells. WB: Jurkat cells.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	188C424
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab13903の使用に適用されます

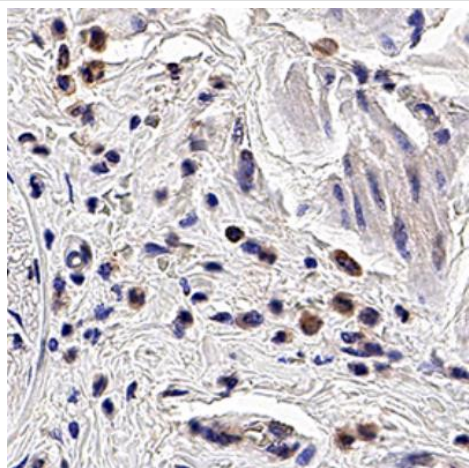
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 20 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 2 µg/ml. Predicted molecular weight: 22 kDa.

ターゲット情報

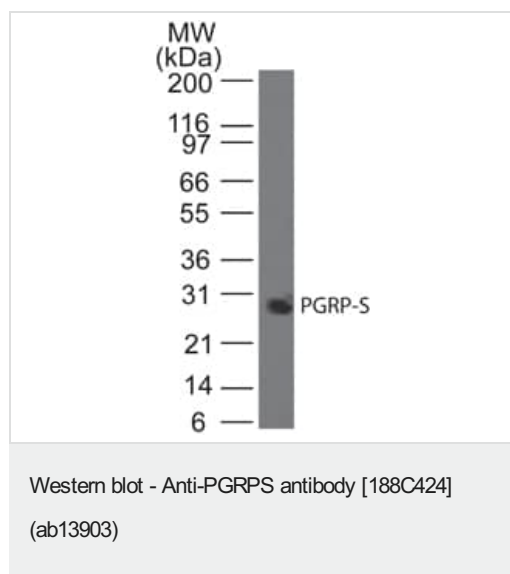
機能	Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity.
組織特異性	Highly expressed in bone marrow. Weak expression found in kidney, liver, small intestine, spleen, thymus, peripheral leukocyte, lung, fetal spleen and neutrophils.
配列類似性	Belongs to the N-acetylmuramoyl-L-alanine amidase 2 family.
翻訳後修飾	N-glycosylated. N-glycosylation is required for bactericidal activity.
細胞内局在	Secreted. Cytoplasmic granule.

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGRPS antibody [188C424] (ab13903)

Immunocytochemistry analysis of human esophagus cells labelling PGRPS with ab13903 at 20 µg/mL. The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Staining of peripheral leukocytes and neutrophils was observed. Staining was performed by Histowiz.



Anti-PGRP-S antibody [188C424] (ab13903) at 2 µg/ml + Jurkat cell lysate

Predicted band size: 22 kDa

Observed band size: 28 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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