

Product datasheet

Anti-PGRPS antibody [188C424] ab13903

★★★★★ 1 Abreviews 1 References 2 图像

概述

产品名称	Anti-PGRPS抗体[188C424]
描述	小鼠单克隆抗体[188C424] to PGRPS
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide: YVLKGHRDVQRTLSPG , corresponding to amino acids 165-180 of Human PGRPS. <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
阳性对照	Tested with mouse spleen tissue.

性能

形式	Liquid
存放说明	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.
存储溶液	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
纯度	Protein G purified
克隆	单克隆
克隆编号	188C424
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab13903** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC/IF	★★★★★	
WB		

## 应用说明

WB: Use at a concentration of 2 µg/ml. Predicted molecular weight: 22 kDa.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

### 功能

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.

### 组织特异性

Highly expressed in bone marrow. Weak expression found in kidney, liver, small intestine, spleen, thymus, peripheral leukocyte, lung, fetal spleen and neutrophils.

### 序列相似性

Belongs to the N-acetylmuramoyl-L-alanine amidase 2 family.

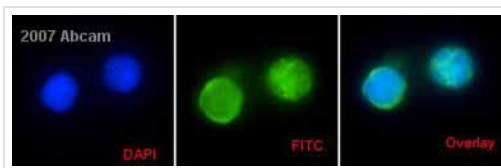
### 翻译后修饰

N-glycosylated. N-glycosylation is required for bactericidal activity.

### 细胞定位

Secreted. Cytoplasmic granule.

## 图片



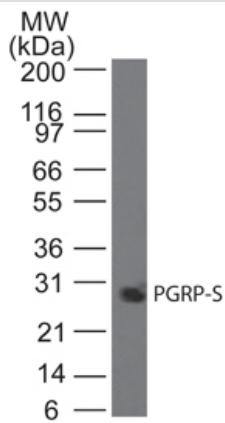
Immunocytochemistry/ Immunofluorescence -

PGRPS antibody [188C424] (ab13903)

This image is courtesy of an anonymous Abreview

ab13903 at 1/100 staining human bone Marrow derived CD34+ cells by ICC/IF. The cells were paraformaldehyde fixed, permeabilized and blocked with BSA before incubation with the antibody for 24 hours at 4°C. A FITC conjugated goat anti-mouse IgG was used as the secondary. The cells were counterstained with DAPI.

The image shows staining mainly in the cytoplasmic region.



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

**Predicted band size** : 22 kDa

**Observed band size** : 28 kDa

Western blot - Anti-PGRPS antibody [188C424]  
(ab13903)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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