

### Anti-Ym-1 + Ym-2 antibody [EPR15263] ab192029

重组 RabMAb

★★★★★ **2 Abreviews** **21 References** **5 图像**

#### 概述

产品名称	Anti-Ym-1 + Ym-2抗体[EPR15263]
描述	兔单克隆抗体[EPR15263] to Ym-1 + Ym-2
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P, ICC/IF <b>不适用于:</b> Flow Cyt (Intra)
种属反应性	<b>与反应:</b> Mouse, Rat
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse lung, mouse brain, mouse heart, C6, Raw264.7, PC-12 and NIH3T3 lysates. IHC-P: Mouse liver tissue. ICC/IF: Raw264.7 cells
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR15263

同种型

IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用ab192029于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/10000 - 1/50000. Detects a band of approximately 45 kDa (predicted molecular weight: 44, 45 kDa).
IHC-P	★★★★★ (2)	1/200 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/200.

### 应用说明

Is unsuitable for Flow Cyt (Intra).

## 靶标

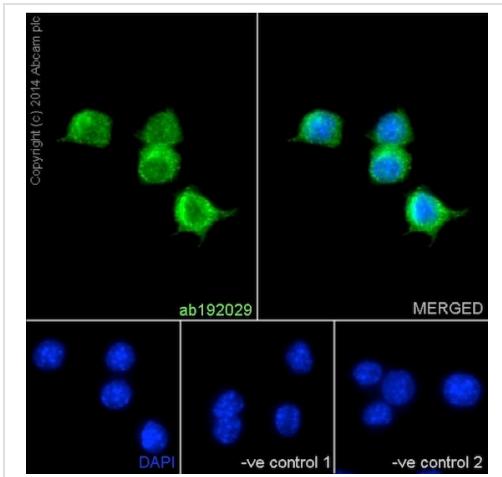
### 相关性

Chitinase 3 like protein 3: Lectin that binds saccharides with a free amino group, such as glucosamine or galactosamine. Binding to oligomeric saccharides is much stronger than binding to mono- or disaccharides. Also binds chitin and heparin. Has weak hexosaminidase activity but no chitinase activity. Has chemotactic activity for T-lymphocytes, bone marrow cells and eosinophils. May play a role in inflammation and allergy. Chitinase 3 like protein 4: Has low chemotactic activity for eosinophils. May play a role in inflammation and allergy. Has no chitinase activity.

### 细胞定位

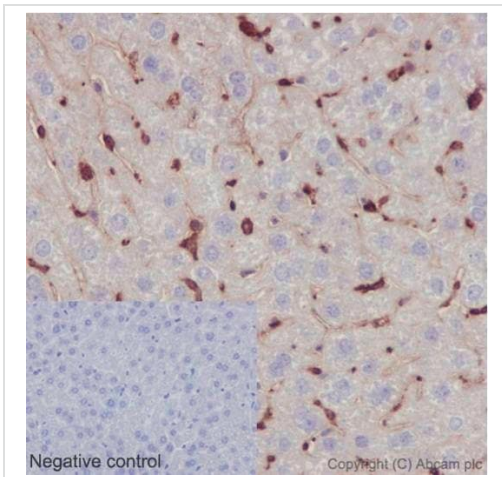
Chitinase 3 like protein 3: Secreted. Rough endoplasmic reticulum lumen. Nucleus envelope. Cytoplasm. Cytoplasmic granule. Note: Predominantly localizes to the lumen of rough endoplasmic reticulum (rER) and nuclear envelope in alveolar macrophages. Localizes to the dilated lumen of rER in immature neutrophils in spleen and in cytoplasmic granules in peritoneal neutrophils. Detected in needle-shaped crystals present in the cytoplasm of bone marrow macrophages. Chitinase 3 like protein 4: Secreted. Cytoplasm. Note: Detected in the cytoplasm of keratinocytes.

## 图片



Immunocytochemistry/ Immunofluorescence - Anti-Ym-1 + Ym-2 antibody [EPR15263] (ab192029)

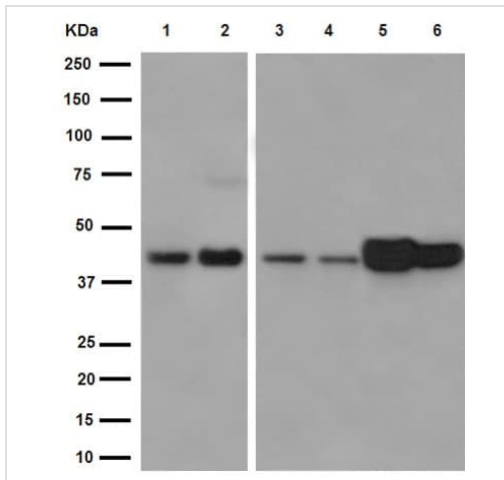
Immunofluorescent analysis of paraformaldehyde-fixed Raw264.7 cells labeling Chitinase 3 like protein 3 + Chitinase 3 like protein 4 with ab192029 at 1/200, Goat anti rabbit IgG (Alexa Fluor® 555) at 1/200 (**ab150077**) and DAPI staining (blue). The two negative controls: 1. Primary ab concentration (anti-Chitinase 3 like protein 3 + Chitinase 3 like protein 4(Mouse) ) is 1/200 dilution, Secondary ab (Goat anti mouse IgG (Alexa Fluor®594)) is 1/500 dilution; 2. Primary ab concentration (anti-Chitinase 3 like protein 3 + Chitinase 3 like protein 4(Mouse) ) is 1/200 dilution, Secondary ab (Goat anti mouse IgG (Alexa Fluor®594)) is 1/500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Ym-1 + Ym-2 antibody [EPR15263] (ab192029)

Immunohistochemical analysis of paraffin-embedded mouse liver tissue labeling Chitinase 3 like protein 3 + Chitinase 3 like protein 4 with ab192029 at 1/500 with prediluted HRP polymer for Rabbit IgG as secondary antibody.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-Ym-1 + Ym-2 antibody  
[EPR15263] (ab192029)

**All lanes :** Anti-Ym-1 + Ym-2 antibody [EPR15263] (ab192029) at 1/10000 dilution

**Lane 1 :** Mouse brain lysate

**Lane 2 :** Mouse heart lysate

**Lane 3 :** C6 lysate

**Lane 4 :** Raw264.7 lysate

**Lane 5 :** PC-12 lysate

**Lane 6 :** NIH3T3 lysate

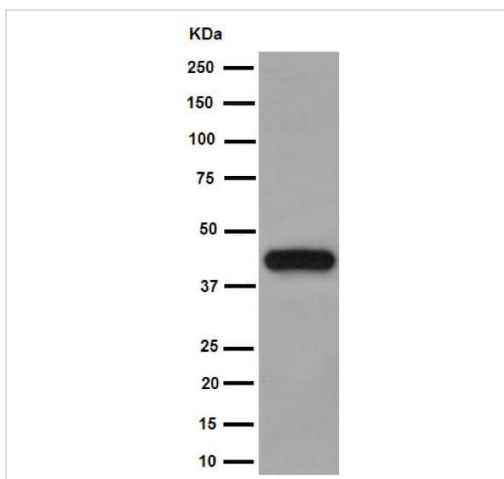
Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 44, 45 kDa

**Additional bands at:** 45 kDa. We are unsure as to the identity of these extra bands.



Western blot - Anti-Ym-1 + Ym-2 antibody  
[EPR15263] (ab192029)

Anti-Ym-1 + Ym-2 antibody [EPR15263] (ab192029) at 1/50000 dilution + Mouse lung lysate at 20 µg

**Secondary**

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 44, 45 kDa

**Additional bands at:** 45 kDa. We are unsure as to the identity of these extra bands.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Ym-1 + Ym-2 antibody [EPR15263] (ab192029)

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

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