

# Anti-Chitinase 3 like protein 3 antibody ab93034

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### 概述

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产品名称	Anti-Chitinase 3 like蛋白3抗体
描述	兔多克隆抗体to Chitinase 3 like蛋白3
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Human Chitinase 3 like protein 3 aa 350 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab107113</a> )

### 常规说明

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.

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

### 性能

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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	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab93034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。

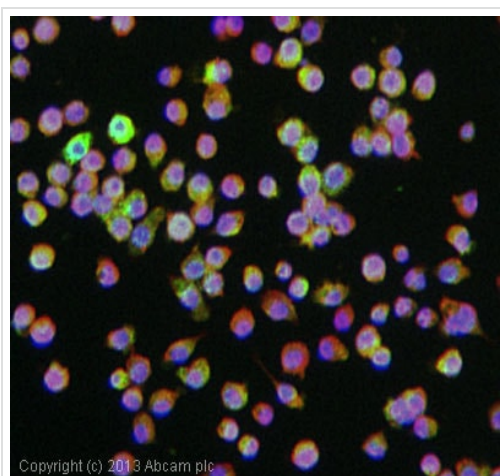
应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 44 kDa (predicted molecular weight: 44 kDa).
ICC/IF		Use a concentration of 10 µg/ml.

## 靶标

**相关性**      Chitinase-3-like protein 3 (Ym1) is a lectin that binds saccharides with a free amino group, such as glucosamine or galactosamine; binding to oligomeric saccharides is much stronger. It also binds chitin and heparin. This protein has been implicated in inflammation and allergy.

**细胞定位**      Secreted

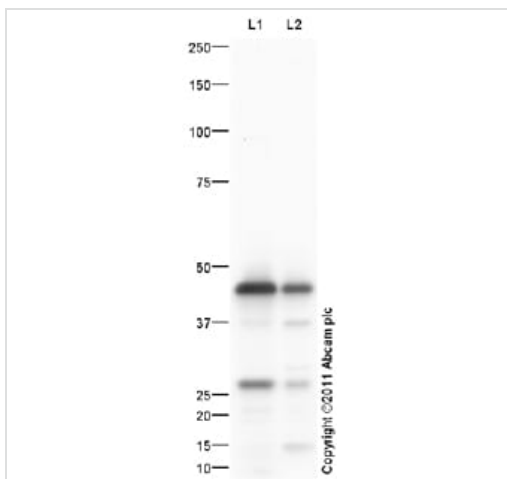
## 图片



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Immunocytochemistry/ Immunofluorescence - Anti-Chitinase 3 like protein 3 antibody (ab93034)

ICC/IF image of ab93034 stained RAW 246.7 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab93034 10µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Western blot - Anti-Chitinase 3 like protein 3 antibody (ab93034)

**All lanes** : Anti-Chitinase 3 like protein 3 antibody (ab93034) at 1  $\mu\text{g/ml}$

**Lane 1** : Mouse Bone Marrow Tissue Lysate

**Lane 2** : Spleen (Mouse) Tissue Lysate

Lysates/proteins at 10  $\mu\text{g}$  per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 44 kDa

**Observed band size:** 44 kDa

**Additional bands at:** 26 kDa, 37 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 30 seconds

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

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