

### Anti-IRAK4 antibody [Y279] ab32511

**重组** RabMAb

**3 References**   **5 图像**

#### 概述

产品名称	Anti-IRAK4抗体[Y279]
描述	兔单克隆抗体[Y279] to IRAK4
宿主	Rabbit
经测试应用	<b>适用于:</b> Flow Cyt (Intra), WB, ICC/IF <b>不适用于:</b> IHC-P
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide within Human IRAK4 aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	WB: K-562 lysates; ICC/IF: Jurkat cells; Flow Cyt (intra): Jurkat cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>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>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 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	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆

同种型 IgG

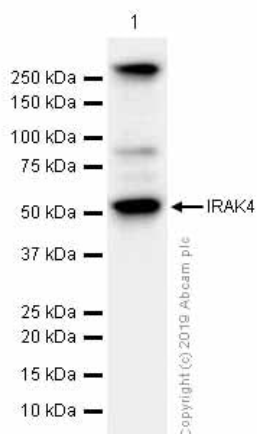
**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab32511于以下的经测试应用

应用	Ab评论	说明
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		1/1000 - 1/10000. Detects a band of approximately 52 kDa.
ICC/IF		1/500. <b>For unpurified use at 1/50 to 1/100.</b>

靶标

<p><b>疾病相关</b></p>	<p>Defects in IRAK4 are the cause of recurrent isolated invasive pneumococcal disease type 1 (IPD1) [MIM:610799]. Recurrent invasive pneumococcal disease (IPD) is defined as two episodes of IPD occurring at least 1 month apart, whether caused by the same or different serotypes or strains. Recurrent IPD occurs in at least 2% of patients in most series, making IPD the most important known risk factor for subsequent IPD.</p> <p>Defects in IRAK4 are the cause of IRAK4 deficiency (IRAK4D) [MIM:607676]. IRAK4 deficiency causes extracellular pyogenic bacterial and fungal infections in otherwise healthy children.</p>
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图片



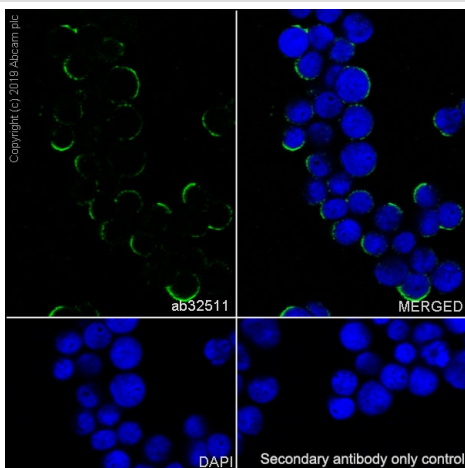
Western blot - Anti-IRAK4 antibody [Y279] (ab32511)

Anti-IRAK4 antibody [Y279] (ab32511) at 1/1000 dilution (Purified) + K-562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysates at 15 µg

### Secondary

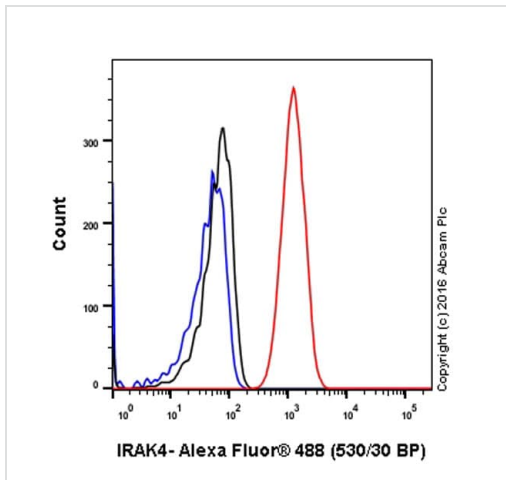
Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Observed band size:** 52 kDa



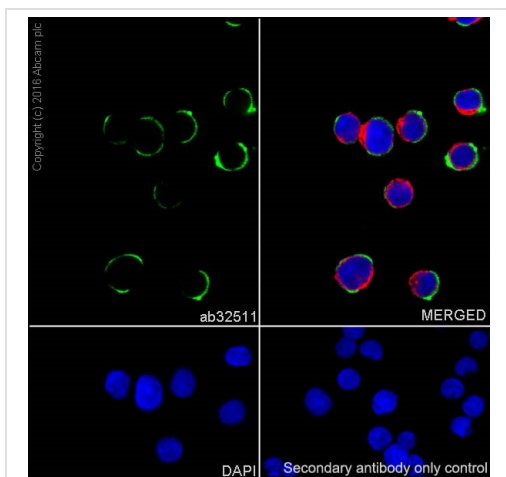
Immunocytochemistry/ Immunofluorescence - Anti-IRAK4 antibody [Y279] (ab32511)

Immunocytochemistry/ Immunofluorescence analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling IRAK4 with purified ab32511 at 1:500 dilution (2.6 µg/ml). Cells were fixed in 100% Methanol and permeabilized with None. Cells were counterstained with none. Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Flow Cytometry (Intracellular) - Anti-IRAK4 antibody  
[Y279] (ab32511)

Intracellular Flow Cytometry analysis of Jurkat (human acute T cell leukemia) cells labeling IRAK4 with purified ab32511 at 1/110 dilution (10ug/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) was used as the unlabeled control.



Immunocytochemistry/ Immunofluorescence - Anti-  
IRAK4 antibody [Y279] (ab32511)

Immunocytochemistry/Immunofluorescence analysis of Jurkat (Human T cell leukemia cell line from peripheral blood) cells labeling IRAK4 with ab32511 (unpurified) at 1/100 dilution. Cells were fixed with 100% methanol. **ab150077**, an AlexaFluor® 488 conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody. The cells were co-stained with **ab195889**, anti-alpha tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) at 1/200 dilution. Nuclei counterstained with DAPI (blue).

### 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-IRAK4 antibody [Y279] (ab32511)

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

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