

# Anti-MyD88 antibody ab28763

[7 References](#) [5 图像](#)

### 概述

产品名称	Anti-MyD88抗体
描述	山羊多克隆抗体to MyD88
宿主	Goat
经测试应用	适用于: IHC-P, ICC/IF, WB, Flow Cyt
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Sheep, Cow, Dog 
免疫原	Synthetic peptide: C- IKYKAM KKEFP , corresponding to Internal sequence amino acids 255-265 of Human MyD88. <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
阳性对照	IHC-P: Human tonsil; ICC/IF: Jurkat and U2OS cells; Flow Cyt: Jurkat cells; WB: Human spleen lysate;
常规说明	<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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	This antibody was purified from goat serum by ammonium sulphate precipitation, followed by antigen affinity chromatography using the immunizing peptide.

克隆 多克隆  
同种型 IgG

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用ab28763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
IHC-P		Use a concentration of 4 - 6 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 10 µg/ml.
WB		Use a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 33 kDa (predicted molecular weight: 33 kDa). 1 hour primary incubation is recommended for this product.
Flow Cyt		Use a concentration of 10 µg/ml.

## 靶标

**功能** Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response. Acts via IRAK1, IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Increases IL-8 transcription. Involved in IL-18-mediated signaling pathway.

**组织特异性** Ubiquitous.

**疾病相关** Defects in MYD88 are the cause of MYD88 deficiency (MYD88D) [MIM:612260]; also known as recurrent pyogenic bacterial infections due to MYD88 deficiency. Patients suffer from autosomal recessive, life-threatening, often recurrent pyogenic bacterial infections, including invasive pneumococcal disease, and die between 1 and 11 months of age. Surviving patients are otherwise healthy, with normal resistance to other microbes, and their clinical status improved with age.

**序列相似性** Contains 1 death domain.  
Contains 1 TIR domain.

**结构域** The intermediate domain (ID) is required for the phosphorylation and activation of IRAK.

**细胞定位** Cytoplasm.

## 图片

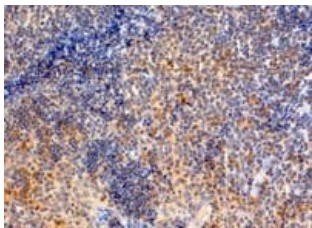


Western blot - Anti-MyD88 antibody (ab28763)

Anti-MyD88 antibody (ab28763) at 0.5  $\mu$ g/ml + Human Spleen lysate at 35  $\mu$ g

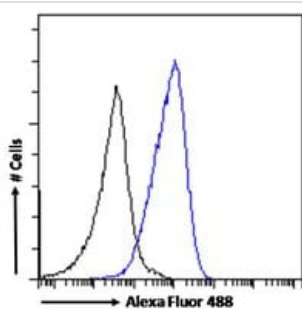
**Predicted band size:** 33 kDa

Lysates in RIPA buffer. Detected by chemiluminescence.



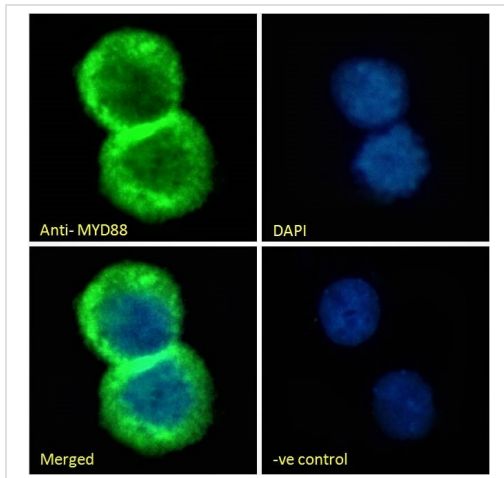
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MyD88 antibody (ab28763)

ab28763 (4 $\mu$ g/ml) staining of paraffin embedded Human Tonsil shows staining of clusters of cells some of which are likely plasma cells. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



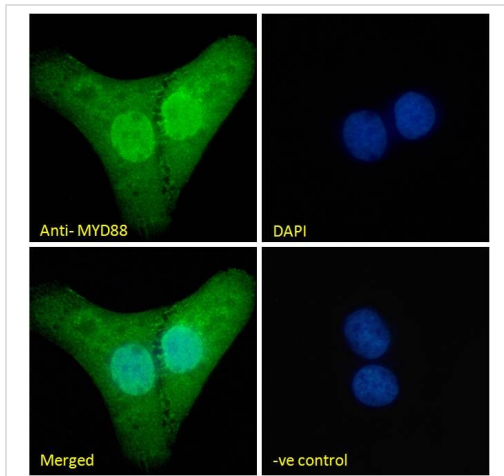
Flow Cytometry - Anti-MyD88 antibody (ab28763)

Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton using ab28763 at 10 $\mu$ g/ml followed by Alexa Fluor 488 secondary antibody at 1 $\mu$ g/ml. IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-MyD88 antibody (ab28763)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).



Immunocytochemistry/ Immunofluorescence - Anti-MyD88 antibody (ab28763)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors