

Anti-TLR2 antibody [T2.5] ab16894

★★★★★ [1 Abreviews](#) [29 References](#) [3 图像](#)

概述

产品名称	Anti-TLR2抗体[T2.5]
描述	小鼠单克隆抗体[T2.5] to TLR2
宿主	Mouse
特异性	The endotoxin concentration is < 24 EU/mg, determined with HIT302 LAL Assay. Negative control: CHO cells.
经测试应用	适用于: WB, Functional Studies, Flow Cyt
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide corresponding to Mouse TLR2. Database link: Q9QUN7
阳性对照	Flow Cyt: RAW 264.7 cells. WB: Human lymph node tissue 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&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	Constituents: PBS, 0.1% BSA
纯度	Protein G purified
纯化说明	0.2 µm filtered
克隆	单克隆
克隆编号	T2.5
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab16894于以下的经测试应用

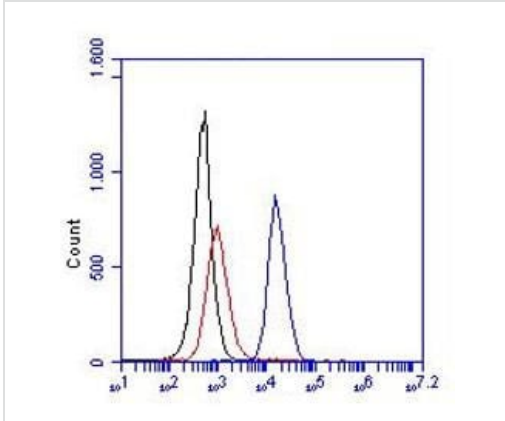
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★☆ (1)	Use at an assay dependent concentration. Predicted molecular weight: 89 kDa.
Functional Studies		Use at an assay dependent concentration. Mice were injected i.p. with 1 mg ab16894, after 1 hour incubation mice were challenged; 5 µg/ml was added to cell culture.
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. 4 x 10 ⁴ leukocytes/ml were stained for 30 minutes at 4 °C.

靶标

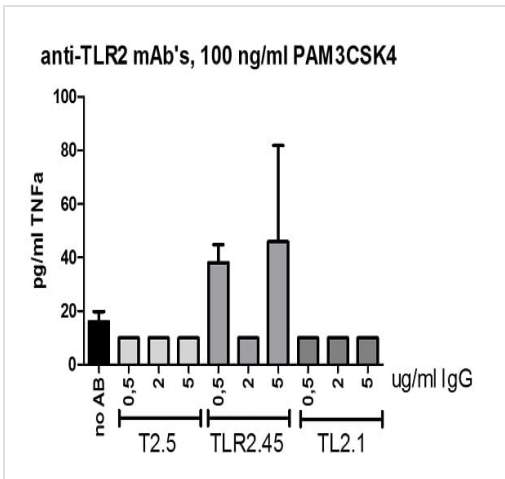
功能	Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 to mediate the innate immune response to bacterial lipoproteins or lipopeptides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. May also promote apoptosis in response to lipoproteins. Recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulin (PSM) and B.burgdorferi outer surface protein A lipoprotein (OspA-L) cooperatively with TLR6.
组织特异性	Highly expressed in peripheral blood leukocytes, in particular in monocytes, in bone marrow, lymph node and in spleen. Also detected in lung and in fetal liver. Levels are low in other tissues.
序列相似性	Belongs to the Toll-like receptor family. Contains 14 LRR (leucine-rich) repeats. Contains 1 TIR domain.
翻译后修饰	Glycosylation of Asn-442 is critical for secretion of the N-terminal ectodomain of TLR2.
细胞定位	Membrane.

图片



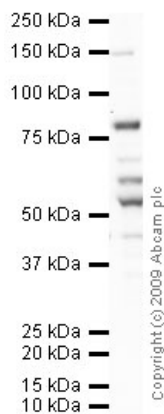
Detection of TLR2 in RAW cells. Red, black and blue line represent the isotype control, cells only and ab16894 at 10 µg/ml, respectively.

Flow Cytometry - Anti-TLR2 antibody [T2.5]
(ab16894)



Effect of anti-TLR antibodies on TNF production in a whole blood model.

Functional Studies - Anti-TLR2 antibody [T2.5]
(ab16894)



Western blot - Anti-TLR2 antibody [T2.5] (ab16894)

Anti-TLR2 antibody [T2.5] (ab16894) at 1/100 dilution + Human lymph node tissue lysate - total protein (**ab29871**) at 10 μ g

Secondary

Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Predicted band size: 89 kDa

Observed band size: 89 kDa

Additional bands at: 60 kDa, 65 kDa. We are unsure as to the identity of these extra bands.

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