

Biotin Anti-TLR2 antibody [TL2.1] ab9101

8 References [3 图像](#)

概述

产品名称	生物素Anti-TLR2抗体[TL2.1]
描述	生物素小鼠单克隆抗体[TL2.1] to TLR2
宿主	Mouse
偶联物	Biotin
经测试应用	适用于: IHC-Fr, Flow Cyt, IHC-P
种属反应性	与反应: Human
免疫原	Recombinant human TLR2 produced by the CHO/CD14 reporter cell line.
常规说明	<p>Ab9101 is a TLR2 function blocking antibody that is useful for studies on the role of TLR2 as a pattern recognition receptor in microbial products induced cytokine production by TLR2 bearing cells such as human peripheral blood mononuclear cells.</p> <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. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA
纯度	Protein G purified
纯化说明	0.2 µm filtered
Primary antibody说明	Ab9101 is a TLR2 function blocking antibody that is useful for studies on the role of TLR2 as a pattern recognition receptor in microbial products induced cytokine production by TLR2 bearing cells such as human peripheral blood mononuclear cells.

克隆	单克隆
克隆编号	TL2.1
同种型	IgG2a

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9101于以下的经测试应用

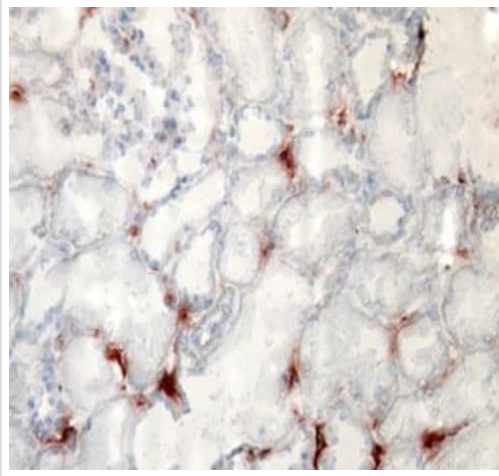
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. ab97679 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
IHC-P		Use at an assay dependent concentration.

靶标

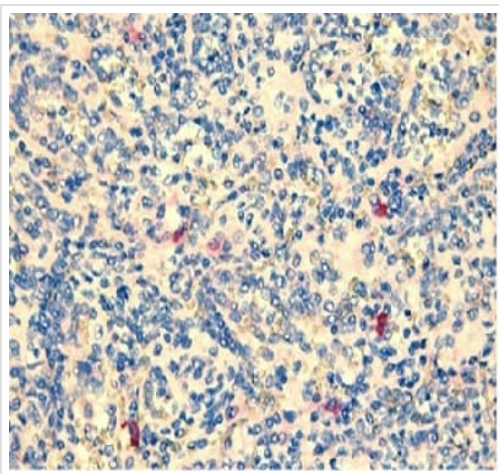
功能	Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 to mediate the innate immune response to bacterial lipoproteins or lipopeptides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine 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



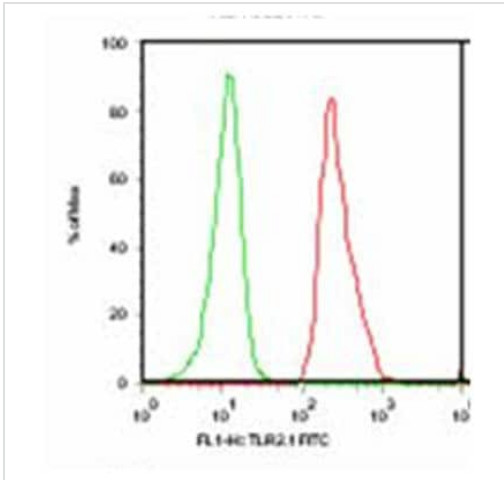
Immunohistochemistry analysis of human brain frozen tissue tissue labelling TLR2 with ab9101

Immunohistochemistry (Frozen sections) - Biotin Anti-TLR2 antibody [TL2.1] (ab9101)



Immunohistochemical analysis of human TLR2 in paraffin-embedded human spleen tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Biotin Anti-TLR2 antibody [TL2.1] (ab9101)



TLR2 staining on human peripheral blood mononuclear cells by using ab9101. Green: CD3+ cells; Red: CD14+ cells.

Flow Cytometry - Biotin Anti-TLR2 antibody [TL2.1] (ab9101)

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