

## Product datasheet

# Anti-TLR2 antibody [TL2.1] ab45054

### 7 References

#### 概述

<b>产品名称</b>	Anti-TLR2抗体[TL2.1]
<b>描述</b>	小鼠单克隆抗体[TL2.1] to TLR2
<b>宿主</b>	Mouse
<b>经测试应用</b>	<b>适用于:</b> Inhibition Assay, Flow Cyt, IP, Neutralising
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	ab45054 was produced by immunising mice with CHO cells transfected with human TLR2 cDNA. The hybridoma supernatants were selected by flow cytometry.
<b>阳性对照</b>	Ramos cells.

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>存储溶液</b>	Azide free Constituents: PBS
<b>纯度</b>	Protein G purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	TL2.1
<b>同种型</b>	IgG2a

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab45054** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Inhibition Assay		Use at an assay dependent concentration.

应用	Ab评论	说明
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.
Neutralising		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.

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