

Anti-TLR5 antibody ab37071

1 References **3 图像**

概述

产品名称	Anti-TLR5抗体
描述	兔多克隆抗体to TLR5
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to 15 amino acids near the carboxy terminus of human TLR5.
阳性对照	THP 1 cell 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. Store at +4°C.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>
纯度	Protein A purified
纯化说明	Purified by affinity chromatography
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab37071于以下的经测试应用

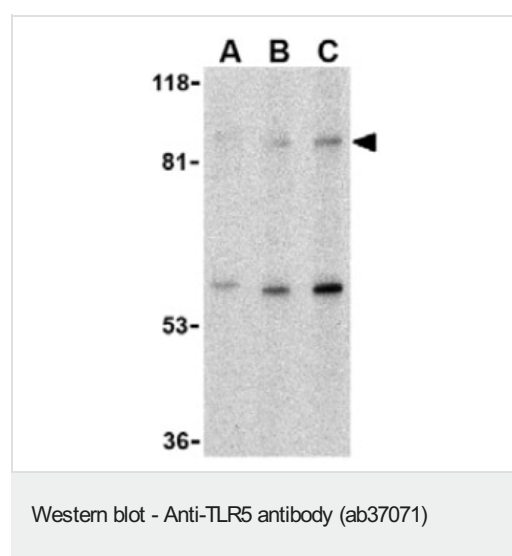
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 10 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 97 kDa. Can be blocked with <u>Active human TLR5 peptide (ab40018)</u> .

靶标

功能	Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
组织特异性	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
疾病相关	Systemic lupus erythematosus 1
序列相似性	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 TIR domain.
翻译后修饰	Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
细胞定位	Membrane.

图片



Lane 1 : Anti-TLR5 antibody (ab37071) at 0.5 µg/ml

Lane 2 : Anti-TLR5 antibody (ab37071) at 1 µg/ml

Lane 3 : Anti-TLR5 antibody (ab37071) at 2 µg/ml

All lanes : THP 1 cell lysate

Lysates/proteins at 15 µg per lane.

Predicted band size: 97 kDa

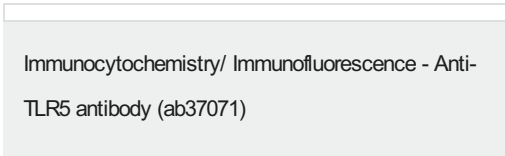
Observed band size: 97 kDa

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



Immunocytochemistry/ Immunofluorescence - Anti-TLR5 antibody (ab37071)

ab37071 at 10µg/ml staining TLR5 in THP-1 cells by ICC/IF



Immunocytochemistry/ Immunofluorescence - Anti-TLR5 antibody (ab37071)

Immunofluorescence of TLR5 in THP1 cells using ab37071 at 10 ug/ml.

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

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