

Biotin Anti-TLR3 antibody [TLR3.7] ab17264

[2 References](#) [1 图像](#)

概述

产品名称	生物素Anti-TLR3抗体[TLR3.7]
描述	生物素小鼠单克隆抗体[TLR3.7] to TLR3
宿主	Mouse
偶联物	Biotin
经测试应用	适用于: Flow Cyt (Intra)
种属反应性	与反应: Human
免疫原	Human Flag-tagged TLR3 stably expressed by Ba/F3 cells.
阳性对照	Monocytes, granulocytes, lymphocytes, human fibroblast, MRC-5 & FS-4 cells. Flow Cyt (Intra): THP-1 cells.
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 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, 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	TLR3.7
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab17264于以下的经测试应用

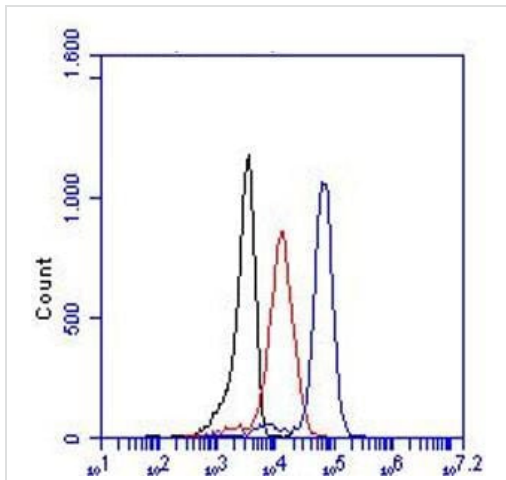
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/50. ab18434 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

靶标

功能	Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
组织特异性	Expressed at high level in placenta and pancreas. Also detected in CD11c+ immature dendritic cells. Only expressed in dendritic cells and not in other leukocytes, including monocyte precursors. TLR3 is the TLR that is expressed most strongly in the brain, especially in astrocytes, glia, and neurons.
疾病相关	Defects in TLR3 are associated with herpes simplex encephalitis type 2 (HSE2) [MIM:613002]. HSE is a rare complication of human herpesvirus 1 (HHV-1) infection, occurring in only a small minority of HHV-1 infected individuals. HSE is characterized by hemorrhagic necrosis of parts of the temporal and frontal lobes. Onset is over several days and involves fever, headache, seizures, stupor, and often coma, frequently with a fatal outcome. Note=TLR3 mutations predispose otherwise healthy individuals to isolated herpes simplex encephalitis through a mechanism that involves impaired IFNs production and reduced immune defense against viral infection in the central nervous system.
序列相似性	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain. Contains 1 TIR domain.
结构域	ds-RNA binding is mediated by LRR 1 to 3, and LRR 17 to 18.
翻译后修饰	Heavily N-glycosylated, except on that part of the surface of the ectodomain that is involved in ligand binding.
细胞定位	Endoplasmic reticulum membrane. Endosome membrane.

图片



Flow cytometric detection of human TLR3 on THP-1 cells. Red line represents the isotype control and the black line represents ab17264 at 10 µg/ml.

Flow Cytometry (Intracellular) - Biotin Anti-TLR3 antibody [TLR3.7] (ab17264)

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

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