

Anti-Dectin-1 antibody [2A11] ab53427

5 References [1 图像](#)

概述

产品名称	Anti-Dectin-1抗体[2A11]
描述	大鼠单克隆抗体[2A11] to Dectin-1
宿主	Rat
经测试应用	适用于: Flow Cyt 不适用于: IHC-P or IHC-R
种属反应性	与反应: Mouse
免疫原	This product was produced with the following immunogens: Recombinant full length protein corresponding to Dectin-1 . Recombinant soluble Dectin-1 . Tissue, cells or virus. Dectin-1 transfected NIH3T3 cells

常规说明

ab53427 inhibits the binding of zymosan to macrophages via the beta glucan receptor. Fusion Partners: Spleen cells from immunised Fischer rats were fused with cells of the rat Y3 myeloma cell line.

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.

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

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	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified

纯化说明	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Primary antibody说明	ab53427 inhibits the binding of zymosan to macrophages via the beta glucan receptor. Fusion Partners: Spleen cells from immunised Fischer rats were fused with cells of the rat Y3 myeloma cell line.
克隆	单克隆
克隆编号	2A11
同种型	IgG2b

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab53427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。

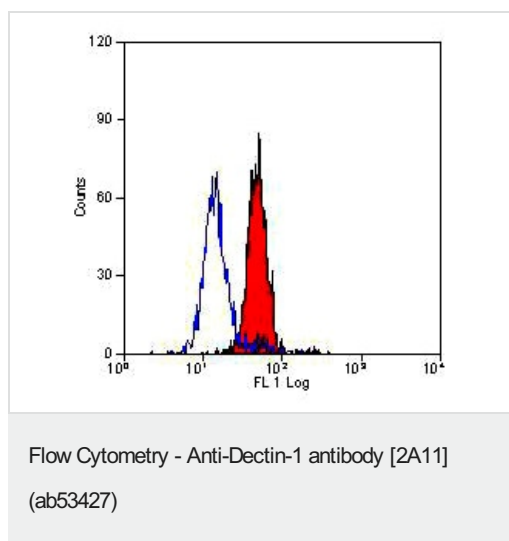
应用	Ab评论	说明
Flow Cyt		1/10 - 1/50. Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl. ab18536 - Rat monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for IHC-P or IHC-R.

靶标

功能	Lectin that functions as pattern receptor specific for beta-1,3-linked and beta-1,6-linked glucans, such as cell wall constituents from pathogenic bacteria and fungi. Necessary for the TLR2-mediated inflammatory response and for TLR2-mediated activation of NF-kappa-B. Enhances cytokine production in macrophages and dendritic cells. Mediates production of reactive oxygen species in the cell. Mediates phagocytosis of C.albicans conidia. Binds T-cells in a way that does not involve their surface glycans and plays a role in T-cell activation. Stimulates T-cell proliferation.
组织特异性	Highly expressed in peripheral blood leukocytes and dendritic cells. Detected in spleen, bone marrow, lung, muscle, stomach and placenta.
疾病相关	Defects in CLEC7A may be a cause of familial candidiasis type 4 (CANDF4) [MIM:613108]. It is a rare disorder with altered immune responses and impaired clearance of fungal infections, selective against Candida. It is characterized by persistent and/or recurrent infections of the skin, nails and mucous membranes caused by organisms of the genus Candida, mainly Candida albicans.
序列相似性	Contains 1 C-type lectin domain.
翻译后修饰	Phosphorylated on tyrosine residues in response to glucan binding.
细胞定位	Cytoplasm and Cell membrane.

图片



Staining of mouse granulocytes with Rat anti mouse beta Glucan Receptor. (ab53427).

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

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