

FITC Anti-CD4 antibody [B-A1] ab59474

★★★★☆ [4 Abreviews](#) [7 References](#) [2 图像](#)

概述

产品名称	FITC荧光Anti-CD4抗体[B-A1]
描述	FITC荧光小鼠单克隆抗体[B-A1] to CD4
宿主	Mouse
偶联物	FITC. Ex: 493nm, Em: 528nm
特异性	Ab59474 recognises a 55 kDa protein.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD4. PHA activated T cells
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 19th June 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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.
存储溶液	<p>pH: 7.30</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: 94.91% PBS, 5% BSA</p>
纯度	Affinity purified
纯化说明	Purified by affinity chromatography.
克隆	单克隆
克隆编号	B-A1

骨髓瘤	x63-Ag8.653
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab59474于以下的经测试应用

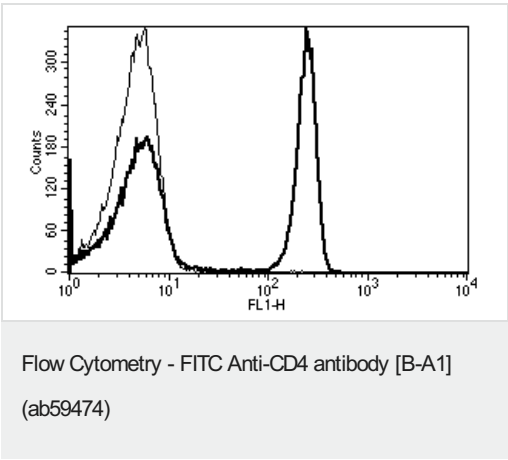
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt	★★★★★ (4)	Use at an assay dependent concentration. ab91362 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

靶标

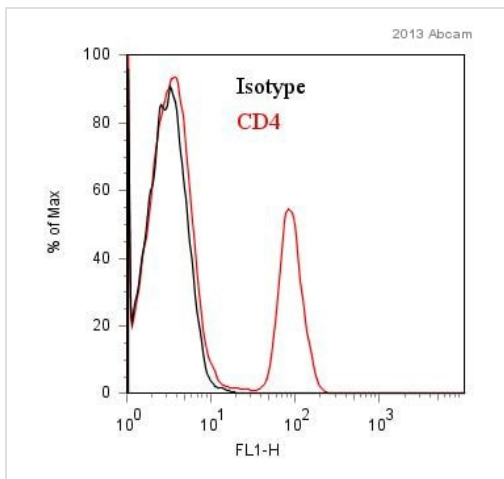
功能	Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.
序列相似性	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻译后修饰	Palmitoylation and association with LCK contribute to the enrichment of CD4 in lipid rafts.
细胞定位	Cell membrane. Localizes to lipid rafts. Removed from plasma membrane by HIV-1 Nef protein that increases clathrin-dependent endocytosis of this antigen to target it to lysosomal degradation. Cell surface expression is also down-modulated by HIV-1 Envelope polypeptide gp160 that interacts with, and sequesters CD4 in the endoplasmic reticulum.

图片



A typical staining pattern with the B-A1 monoclonal antibody of lymphocytes.

This image was generated using the ascites version of the product.



Flow Cytometry - FITC Anti-CD4 antibody [B-A1]
(ab59474)

This image is courtesy of an anonymous Abreview

Flow cytometry analysis of Cynomolgus Monkey whole blood after red blood cell lysis, staining CD4 with ab59474. Cells were fixed with paraformaldehyde. The sample was incubated with the primary antibody (1/100 in 1% BSA in PBS) for 1 hour at 4°C.

Gating Strategy: Live lymphocytes

This image was generated using the ascites version of the product.

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

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