

Product datasheet

Anti-CD4 antibody [W3/25] (Biotin) ab111815

1 References 1 图像

概述

产品名称	Anti-CD4抗体[W3/25] (Biotin)
描述	小鼠单克隆抗体[W3/25] to CD4 (Biotin)
偶联物	Biotin
经测试应用	适用于: Flow Cyt, IHC-Fr, IHC-P
种属反应性	与反应: Rat
免疫原	Rat thymocyte membrane.
阳性对照	Thymus, Spleen and Lymph Node cells
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by June 2019 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

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 Constituent: 0.5% BSA
纯度	Protein G purified
克隆	单克隆
克隆编号	W3/25
骨髓瘤	P3-NS1/1-Ag4-1
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab111815** in the following tested applications.

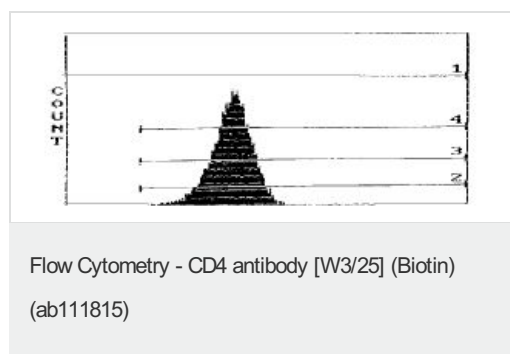
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 0.5µg for 10 ⁶ cells. ab18434 -Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

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 polyprotein gp160 that interacts with, and sequesters CD4 in the endoplasmic reticulum.

图片



[ab11815](#) at 0.5 µg/10⁶ cells staining CD4 in rat strain Buffalo thymus cells by Flow Cytometry.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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