

Product datasheet

Anti-CD4 antibody [W3/25] (Phycoerythrin) ab33783

概述

产品名称	Anti-CD4抗体[W3/25] (Phycoerythrin)
描述	小鼠单克隆抗体[W3/25] to CD4 (Phycoerythrin)
宿主	Mouse
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Rat
免疫原	Rat thymocyte membrane glycoproteins.
阳性对照	Rat splenocytes.
常规说明	

This antibody inhibits proliferation and IL2 production in the MLR reaction.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Primary antibody说明	This antibody inhibits proliferation and IL2 production in the MLR reaction.
克隆	单克隆
克隆编号	W3/25
骨髓瘤	NS1
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab33783** 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
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Flow Cyt

1/1 - 1/10.

Use 10µl of the suggested working dilution to label 10⁶ cells in 100µl.

[ab91357](#)-Mouse monoclonal IgG1, 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 glycoprotein gp160 that interacts with, and sequesters CD4 in the endoplasmic reticulum.

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