

## Product datasheet

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

### 概述

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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

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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

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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.

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

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