

Product datasheet

Anti-CD4 antibody [CT-4] (FITC) ab24896

1 References

概述

产品名称	Anti-CD4抗体[CT-4] (FITC)
描述	小鼠单克隆抗体[CT-4] to CD4 (FITC)
宿主	Mouse
偶联物	FITC. Ex: 493nm, Em: 528nm
特异性	ab24896 recognises CD4.
经测试应用	适用于: Functional Studies, Flow Cyt, IP, IHC-Fr
种属反应性	与反应: Chicken, Turkey
免疫原	The details of the immunogen for this antibody are not available.
常规说明	ab24896 inhibits both PHA- and Con A-induced proliferative responses of splenocytes, and PWM-induced IL-2 production.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.1% Sodium Azide Constituents: PBS
纯度	IgG fraction
Primary antibody说明	ab24896 inhibits both PHA- and Con A-induced proliferative responses of splenocytes, and PWM-induced IL-2 production.
克隆	单克隆
克隆编号	CT-4
同种型	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab24896** 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
Functional Studies		Use at an assay dependent concentration. Inhibition of mitogen-induced proliferation.
Flow Cyt		Use 1µg for 10 ⁶ cells. ab106163 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.
IHC-Fr		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.

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