

APC Anti-CD4 antibody [MEM-241] ab18280

1 References 画像数 2

製品の概要

製品名	APC Anti-CD4 antibody [MEM-241]
製品の詳細	APC Mouse monoclonal [MEM-241] to CD4
由来種	Mouse
標識	APC. Ex: 645nm, Em: 660nm
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human
免疫原	Fusion protein (Human).
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: PBS, BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	MEM-241
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab18280の使用に適用されます

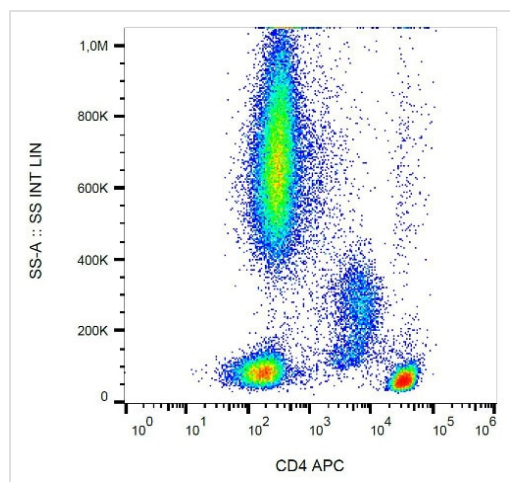
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/20. ab37391 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

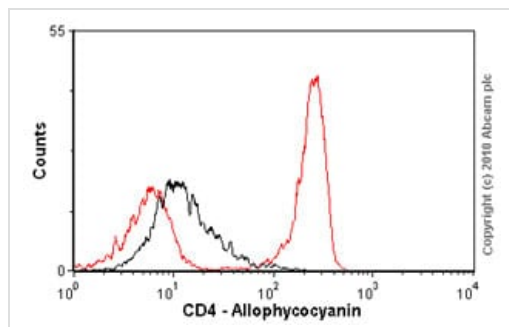
機能	Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.
配列類似性	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻訳後修飾	Palmitoylation and association with LCK contribute to the enrichment of CD4 in lipid rafts.
細胞内局在	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.

画像



Surface staining of human peripheral blood cells with anti-human CD4 (MEM-241) APC.

Flow Cytometry - APC Anti-CD4 antibody [MEM-241] (ab18280)



Flow Cytometry - APC Anti-CD4 antibody [MEM-241] (ab18280)

Overlay histogram showing peripheral blood lymphocytes stained with ab18280 (red line). The cells were incubated with the antibody (ab18280, 1/20 dilution) for 30 min at 4°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 2µg/1x10⁶ cells) with secondary antibody DyLight® 649 goat anti-mouse IgG (H&L) ([ab96882](#)) at 1/200 dilution for 30 min at 4°C. Acquisition of >5,000 events was performed gating on peripheral blood lymphocytes.

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