

APC/Cy7® Anti-CD4 antibody [MEM241] ab233298

画像数 1

製品の概要

製品名	APC/Cy7® Anti-CD4 antibody [MEM241]
製品の詳細	APC/Cy7® Mouse monoclonal [MEM241] to CD4
由来種	Mouse
標識	APC/Cy7®. Ex: 650nm, Em: 774nm
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	Recombinant fragment corresponding to Human CD4. 2 N-terminal domains of human CD4 fused to human IgG1 Fc Database link: P01730
ポジティブ・コントロール	Flow cyt: Human peripheral blood cells.
特記事項	<p>This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.</p> <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. Store In the Dark.
バッファー	pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS
精製度	Size exclusion
特記事項 (精製)	The purified antibody is conjugated with tandem dye APC-Cy™7 under optimum conditions. The

conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

ポリ/モノ モノクローナル
クローン名 MEM241
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ab233298の使用に適用されず
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		Use 4µl for 10 ⁶ cells. (or 100 µL whole blood)

ターゲット情報

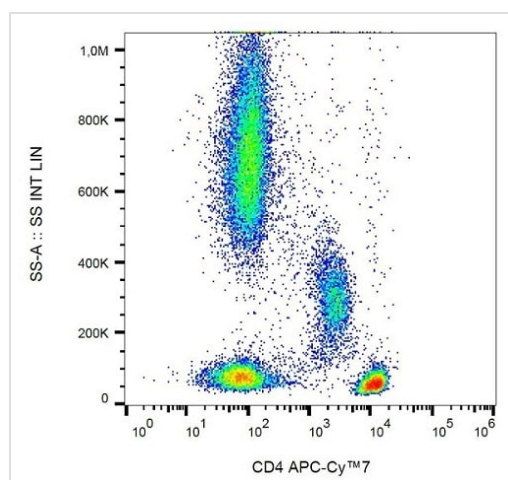
機能 Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.

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

画像



Flow cytometric analysis of surface stained human peripheral blood cells, labeling CD4 with ab233298. Leukocyte gate.

Flow Cytometry - APC/Cy7® Anti-CD4 antibody
[MEM241] (ab233298)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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