

Product datasheet

Anti-CD4 antibody [RPA-T4] (PE/Cy5®) ab95512

画像数 1

製品の概要

|              |  |
|--------------|--|
| 製品名          | Anti-CD4 antibody [RPA-T4] (PE/Cy5®)                               |
| 製品の詳細        | Mouse monoclonal [RPA-T4] to CD4 (PE/Cy5®)                         |
| 由来種          | Mouse  |
| 標識           | PE/Cy5®. Ex: 496nm, Em: 670nm                                      |
| 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          | PHA stimulated peripheral blood mononuclear cells of Human origin. |
| ポジティブ・コントロール | Human peripheral blood cells                                       |

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  | Preservative: 0.09% Sodium Azide<br>Constituents: 0.2% BSA, PBS, 150mM Sodium chloride, pH 7.2 |
| 精製度    | Protein G purified   |
| ポリ/モノ  | モノクローナル  |
| クローン名  | RPA-T4   |
| アイソタイプ | IgG1   |
| 軽鎖の種類  | kappa  |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab95512** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
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Flow Cyt

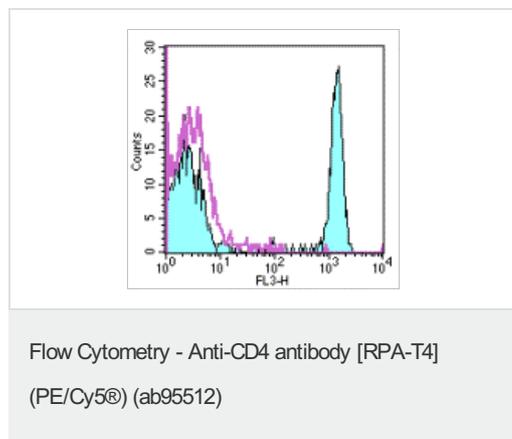
Use 5µl for 10<sup>6</sup> cells.

[ab67435](#) - 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.<br>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



Staining of CD4 in normal Human peripheral blood cells with Mouse IgG1 Isotype Control PE-Cy5 (open histogram) or ab95512 at 0.25 µg/test (filled histogram). Cells in the lymphocyte gate were used for analysis.

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

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