

# Anti-CD4 antibody [OX-35] ab33775

**8 References** [画像数 2](#)

### 製品の概要

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製品名	Anti-CD4 antibody [OX-35]
製品の詳細	Mouse monoclonal [OX-35] to CD4
由来種	Mouse
アプリケーション	<b>適用あり:</b> Flow Cyt
種交差性	<b>交差種:</b> Rat
免疫原	Tissue, cells or virus corresponding to Rat CD4. MLR generated rat T helper lymphocytes
エピトープ	This antibody recognises a different epitope on the CD4 molecule than the W3/25 monoclonal (eg <b>ab33779</b> and <b>ab33783</b> ).
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&amp;As</p>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein A purified
特記事項(精製)	Purified by Protein A affinity chromatography
ポリ/モノ	モノクローナル
クローン名	OX-35
ミエローマ	NS1
アイソタイプ	IgG2a

## アプリケーション

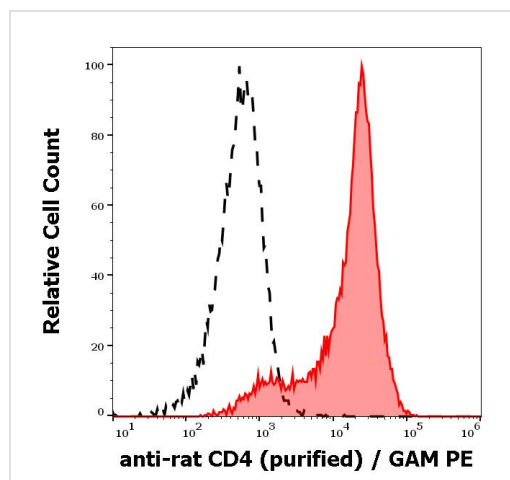
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab33775の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use a concentration of 1 - 4 µg/ml.

## ターゲット情報

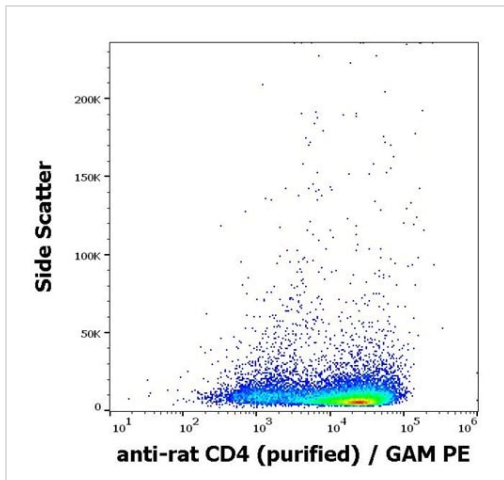
<b>機能</b>	Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.
<b>配列類似性</b>	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
<b>翻訳後修飾</b>	Palmitoylation and association with LCK contribute to the enrichment of CD4 in lipid rafts.
<b>細胞内局在</b>	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 using surface staining of rat splenocyte suspension. Rat splenocytes are stained using 1.6µg/ml ab33775 anti-rat CD4, GAM PE, (red) and are separated from REH cells stained with 1.6µg/ml mouse isotype control purified antibody

Flow Cytometry - Anti-CD4 antibody [OX-35]  
(ab33775)



Surface staining flow cytometric pattern of rat splenocytes stained with 1.6µg/ml ab33775 anti-rat CD4 purified antibody, GAM PE

Flow Cytometry - Anti-CD4 antibody [OX-35]  
(ab33775)

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