

### PE/Cy5® Anti-CD19 antibody [6D5] ab25508

**3 References** [画像数 1](#)

#### 製品の概要

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製品名	PE/Cy5® Anti-CD19 antibody [6D5]
製品の詳細	PE/Cy5® Rat monoclonal [6D5] to CD19
由来種	Rat
標識	PE/Cy5®. Ex: 496nm, Em: 670nm
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> Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD19. Mouse CD19-expressing K562 human erythroleukemia cells

#### 特記事項

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.

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.

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

#### 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. Store In the Dark.
バッファー	pH: 7.1 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% Gelatin, 16% Sucrose  Also contains a stabilizing agent.
精製度	Affinity purified
ポリ/モノ	モノクローナル

クローン名	6D5
アイソタイプ	IgG2a
軽鎖の種類	kappa

## 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ab25508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検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		

## 追加情報

Flow Cyt: Use 0.2µg for 10<sup>6</sup> cells.  
 IP: Use at an assay dependent dilution.  
*In vivo* and *in vitro* functional studies: Use at an assay dependent dilution.  
  
 Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

## ターゲット情報

### 機能

Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

### 関連疾患

Defects in CD19 are the cause of immunodeficiency common variable type 3 (CVID3) [MIM:613493]; also called antibody deficiency due to CD19 defect. CVID3 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.

### 配列類似性

Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

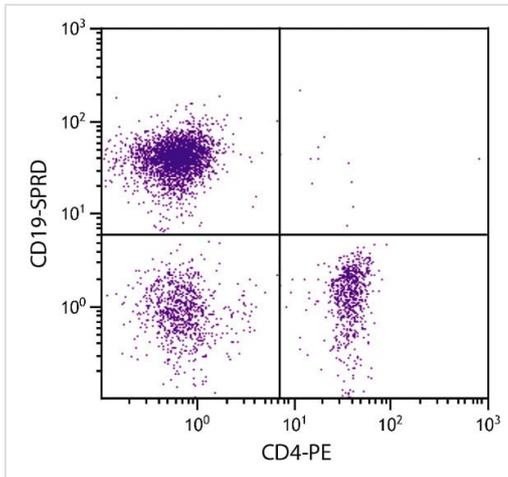
### 翻訳後修飾

Phosphorylated on serine and threonine upon DNA damage, probably by ATM or ATR.  
 Phosphorylated on tyrosine following B-cell activation.

### 細胞内局在

Membrane.

## 画像



Flow cytometric analysis of C57BL/6 mouse splenocytes labelling CD19 with ab25508 at 0.01  $\mu\text{g}/10^6$  cells and labelling CD4 with a Rat Anti-Mouse CD4-PE antibody ([ab25496](#)).

Flow Cytometry - PE/Cy5® Anti-CD19 antibody  
[6D5] (ab25508)

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

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