

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

[3 References](#) [1 图像](#)

概述

产品名称	PE/Cy5® Anti-CD19抗体[6D5]
描述	PE/Cy5®大鼠单克隆抗体[6D5] to CD19
宿主	Rat
偶联物	PE/Cy5®. Ex: 496nm, Em: 670nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Mouse
免疫原	Tissue, cells or virus corresponding to Mouse CD19. Mouse CD19-expressing K562 human erythroleukemia cells
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Store In the Dark.
存储溶液	pH: 7.1 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% Gelatin, 16% Sucrose
	Also contains a stabilizing agent.
纯度	Affinity purified
克隆	单克隆

克隆编号	6D5
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab25508于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		

应用说明

Flow Cyt: Use 0.2µg for 10⁶ 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.

靶标

功能

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

疾病相关

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.

序列相似性

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

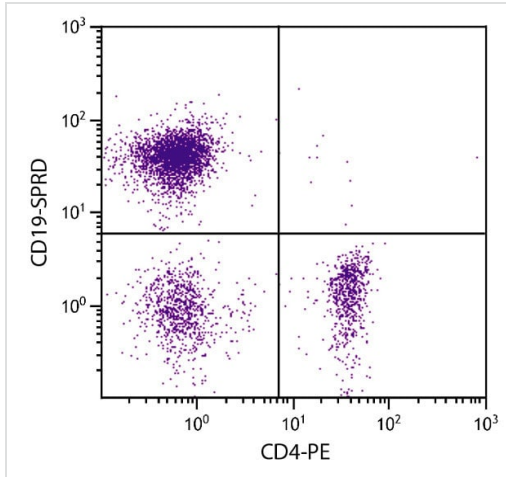
翻译后修饰

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

细胞定位

Membrane.

图片



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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