

PE Anti-CD19 antibody [CB19] ab1168

★★★★★ [1 Abreviews](#) [4 References](#)

概述

产品名称	PE Anti-CD19抗体[CB19]
描述	PE小鼠单克隆抗体[CB19] to CD19
宿主	Mouse
偶联物	PE. Ex: 488nm, Em: 575nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human, Chimpanzee, Macaque monkey, Rhesus monkey
免疫原	Tissue, cells or virus. Intact normal human B cells
常规说明	<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.
存储溶液	Preservative: 0.1% Sodium azide Constituent: 0.5% BSA
克隆	单克隆
克隆编号	CB19
骨髓瘤	unknown
同种型	IgG1
轻链类型	unknown

应用

The Abpromise guarantee

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“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	★★★★★ (1)	Use at an assay dependent concentration. Characterization of leukemias and lymphomas in human lysed whole peripheral blood or mononuclear cells separated by density gradient. CD19 (PE) immunofluorescence analysis can be performed on a flow cytometerequipped with an excitation source of 488nm and fitted with logarithmic amplifiers. 10ul of CD19 (PE) is sufficient for labelling of 1×10^6 cells. ab91357 - Mouse

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.

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