abcam

Product datasheet

Anti-CD19 antibody [MB19-1] (APC) ab25510

7 Abreviews 6 References 2 图像

概述

产品名称	Anti-CD19抗体[MB19-1] (APC)
描述	小鼠单克隆抗体[MB19-1] to CD19 (APC)
宿主	Mouse
偶联物	APC. Ex: 645nm, Em: 660nm
特异性	ab25510 recognises CD19 B cell differentiation antigen
经测试应用	**适用于:** Flow Cyt, IP
种属反应性	**与反应:** Mouse, Human
免疫原	$CD19^+$ mouse pre-B cell line, 300.19
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

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: PBS Also contains a stabilizing agent.
纯度	IgG fraction
克隆	单克隆
克隆编号	MB19-1
同种型	IgA
轻链类型	kappa

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab25510于以下的经测试应用**

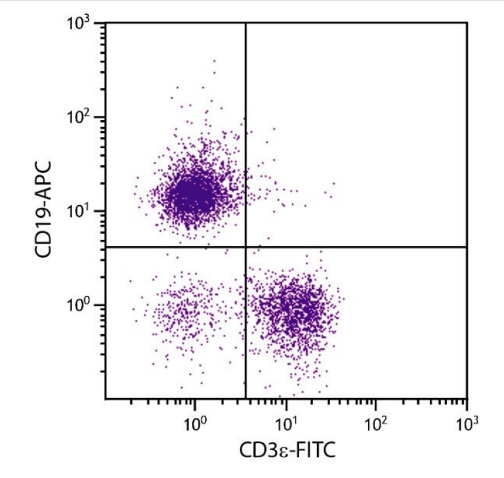
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt	★★★☆☆ (7)	Use 0.2µg for 10^6 cells. **ab37353** - Mouse monoclonal IgA, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration.

靶标

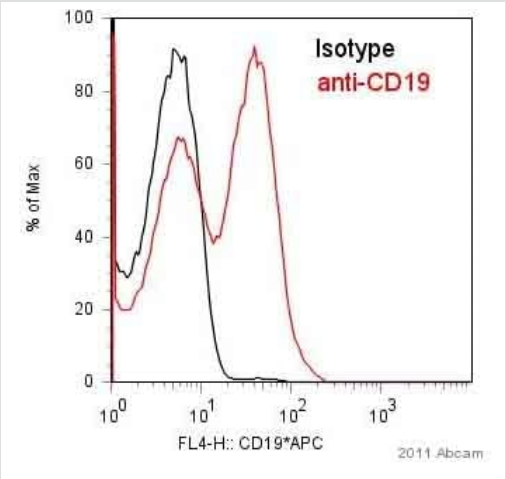
功能	Assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.
疾病相关	Defects in CD19 are the cause of immunodeficiency common variable type 3 (CVID3) [MIM:613493]; also called antibody deficiency due to CD19 defect. CVID3 is a primary 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 Cytometry - Anti-CD19 antibody [MB19-1] (Allophycocyanin) (ab25510)

Flow cytometry analysis of BALB/c mouse splenocytes stained with Anti-CD19 antibody [MB19-1] (Allophycocyanin) ab25510 (0.3 µg/10^6cells) and Rat Anti-Mouse CD3 epsilon-FITC.



Flow Cytometry - Anti-CD19 antibody [MB19-1] (Allophycocyanin) (ab25510)

Image courtesy of an anonymous Abreview.

ab25510 used in Flow Cytometry.

Red: ab25510 at a 1/100 dilution staining CD19 in murine lymph cells. Cells were mechanically dissociated from the lymph node and analysed live.

Black: Isotype control.

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