

Product datasheet

Anti-CD19 antibody [LT19], prediluted (Phycoerythrin) ab18229

★★★★☆ 1 Abreviews 1 References 1 图像

概述

产品名称	Anti-CD19抗体[LT19], prediluted (Phycoerythrin)
描述	小鼠单克隆抗体[LT19] to CD19, prediluted (Phycoerythrin)
偶联物	Phycoerythrin. Ex: 488nm, Em: 575nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Human B lymphoblast cell line Daudi.

性能

形式	Prediluted
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 15mM Sodium Azide Constituents: PBS, BSA. pH 7.4
纯度	Protein G purified
纯化说明	Conjugate purified by size-exclusion chromatography
克隆	单克隆
克隆编号	LT19
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab18229** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

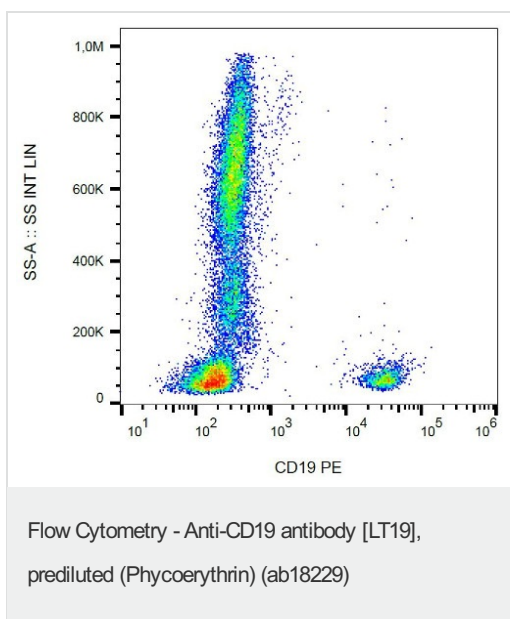
应用	Ab评论	说明
Flow Cyt	★★★★☆	Use at an assay dependent concentration. 20 µl for a 100 µl sample is recommended.

[ab91357](#)-Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

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.

Anti-CD19 antibody [LT19], prediluted (Phycoerythrin) 图像



Surface staining of human peripheral blood cells with anti-human CD19 (LT19) PE.

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