

Product datasheet

Anti-CD19 antibody [SJ25-C1] (Cy5 ®) ab24845

概述

产品名称	Anti-CD19抗体[SJ25-C1] (Cy5 ®)
描述	小鼠单克隆抗体[SJ25-C1] to CD19 (Cy5 ®)
宿主	Mouse
偶联物	Cy5 ®. Ex: 650nm, Em: 667nm
经测试应用	适用于: Flow Cyt, IHC-Fr, IP
种属反应性	与反应: Human
免疫原	The details of the immunogen for this antibody are not available.
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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 Constituents: PBS; stabilizing agent
纯度	IgG fraction
克隆	单克隆
克隆编号	SJ25-C1
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab24845** 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 10µl for 10 ⁶ cells. ab154444 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-Fr		Use at an assay dependent concentration.
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.

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