

Product datasheet

Anti-CD19 antibody [SJ25-C1] (PE/Cy7 ®) ab81997

概述

产品名称	Anti-CD19抗体[SJ25-C1] (PE/Cy7 ®)
描述	小鼠单克隆抗体[SJ25-C1] to CD19 (PE/Cy7 ®)
宿主	Mouse
偶联物	PE/Cy7 ®. Ex: 496nm, Em: 774nm
特异性	ab81997 is specific to CD19.
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.
常规说明	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 GE Healthcare Limited.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS and 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 **ab81997** 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		

应用	Ab评论	说明
IHC-Fr		
IP		
应用说明	<p>Flow Cyt: Use 10 μl for 10^6 cells.</p> <p>IHC-Fr: Use at an assay dependent dilution.</p> <p>IP: Use at an assay dependent dilution.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
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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