

Datasheet for ABIN7076447  
**anti-CD21 antibody (FITC)**



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1 Image

## Overview

Quantity:	50 tests
Target:	CD21 (CR2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD21 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

## Product Details

Purpose:	CD21 FITC Antibody
Immunogen:	Human complement receptor 2 (CR2)
Clone:	HB5
Isotype:	IgG2a
Characteristics:	<p>The mouse monoclonal antibody produced by clone HB5 binds to complement receptor 2 (CR2), known as CD21, a 145 kDa glycoprotein of the complement control protein family. It is a receptor for the complement components C3d and C3g and, under pathological circumstances, for the Epstein-Barr virus (EBV). As complement breakdown fragments remain bound to the agent initiating the complement activation in the first place, CD21 plays an important role in the uptake of immunocomplexes. In addition, it plays a role in B cell development and activation as well as memory B cell survival. Thus, it is a key component in developing and maintaining humoral immune response to T-dependent antigens. CD21 associates with CD19, CD81 and</p>

## Product Details

	the B cell receptor. The cell surface marker CD21 is expressed on mature B cells and follicular dendritic cells. It is used as a cell marker for the phenotyping of leukemias.
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

## Target Details

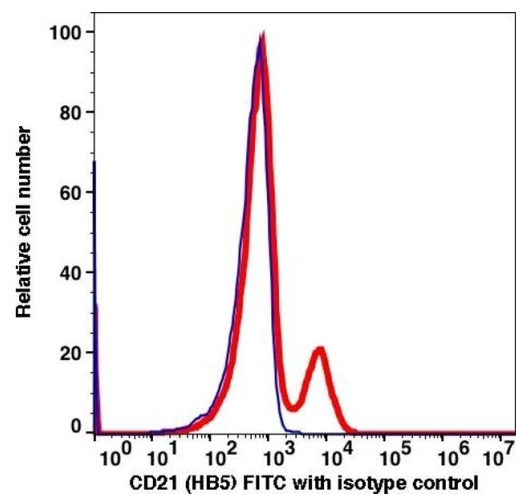
Target:	CD21 (CR2)
Alternative Name:	CD21 ( <a href="#">CR2 Products</a> )
Gene ID:	1380
UniProt:	<a href="#">P20023</a>
Pathways:	<a href="#">Complement System</a>

## Application Details

Application Notes:	FC: 5 µL/test We recommend that every lab carries out an initial titration study before running your samples to ensure that the optimal concentration is selected for your application.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.2, 0.09 % Sodium azide and 0.2 % (w/v) BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.