

Datasheet for ABIN7537004 **anti-CD21 antibody (PE)**



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Overview

Quantity:	100 tests
Target:	CD21 (CR2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD21 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	PE Anti-Human CD21 Antibody [HI21a]
Clone:	HI21a
Isotype:	IgG2a, kappa
Purification:	Purified

Target Details

Target:	CD21 (CR2)
Alternative Name:	CD21 (CR2 Products)
Background:	CD21, Complement receptor type 2, CR2, Cr2, Complement C3d receptor, Epstein-Barr virus receptor, EBV receptor, CD21, CD21 is a 145 kD transmembrane protein also known as complement C3d receptor (C3dR), complement receptor 2 (CR2), and Epstein-Barr virus receptor. CD21 is expressed on B cells, follicular dendritic cells, subsets of normal thymocytes

Target Details

and T cells, and some epithelial cells. CD21 is the receptor used by Epstein-Barr virus to infect B cells and is also the complement receptor for C3d. CD21 has also been shown to interact with a number of proteins, including CD23, CD19, annexin VI, CD81, iC3b, complement receptor 1 (CR1, CD35), and interferon-alpha 1 (IFN- α 1).

Gene ID: 1380

UniProt: [P20023](#)

Pathways: [Complement System](#)

Application Details

Application Notes: Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Comment: Matching Isotype Control: (ABIN7469778)

Restrictions: For Research Use only

Handling

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09 % stabilizer and 1 % protein protectant.

Storage: 4 °C

Storage Comment: This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

Expiry Date: 12 months