

Datasheet for ABIN6253870
anti-CD21 antibody (PE)



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1 Image

Overview

Quantity:	5 mL
Target:	CD21 (CR2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD21 antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Clone:	B-ly4
Isotype:	IgG1
Specificity:	B-ly4, produces mouse IgG1 immunoglobulins directed against a 145 kD polypeptide of the human C3d receptor

Target Details

Target:	CD21 (CR2)
Alternative Name:	CD21 (CR2 Products)
Background:	Antigen distribution: The CD21 antigen is expressed on mature B cells, follicular dendritic cells and pharyngeal and cervical epithelial cells [1,2]. CD21, also known as the Complement receptor type 2 (CR2) or Epstein-Barr virus (EBV) receptor, is a receptor for the C3 activation fragments iC3b and C3d. CD21 antibodies have been shown to bind CD23 and IFN-α. CD21 is part of a

Target Details

	multimeric complex on B cells which includes CD19 and CD81 [3]. B-ly4 was clustered at the Leucocyte Typing Workshop IV [5]. Cellular Expression: Mature B cells, follicular dendritic cells.
Pathways:	Complement System

Application Details

Application Notes:	immunohistochemistry on frozen tissue sections, immunohistochemistry on paraffin imbedded tissue sections
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	4 °C

Images

Flow Cytometry

Image 1. Clone B-ly4 (CD21) was analyzed by flow cytometry using a blood sample obtained from a healthy volunteer. Direct staining was performed using 10 µl of the R-PE-conjugated monoclonal antibody and 100 µl of blood sample.

