

Datasheet for ABIN6253869

anti-CD21 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	5 mL
Target:	CD21 (CR2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD21 antibody is un-conjugated
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
Purity:	PURE

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

Target Details

iC3b and C3d. CD21 antibodies have been shown to bind CD23 and IFN- α . CD21 is part of a 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 μ l of the R-PE-conjugated monoclonal antibody and 100 μ l of blood sample.

