

Biotin Anti-Human CD21 Antibody[BU32]

Catalog Number: E-AB-F1046B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	BU32
Isotype Control	Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B]
Conjugation	Biotin
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
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Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CD21;CR2;Complement C3d receptor;Complement receptor type 2;Cr2;EBV receptor; Epstein-Barr virus receptor
Uniprot ID	P20023
Gene ID	1380
Background	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 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).

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