

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD21 Monoclonal Antibody(AF647  
Conjugated)

**Catalog:** DL20663F

**Synonyms:** Complement receptor type 2, CR2, Cr2, Complement  
C3d receptor, Epstein-Barr virus receptor, EBV  
receptor, CD21

**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- $\alpha$ 1).

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:** 20 Tests/50 Tests/100 Tests/200 Tests

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** AF647

**SwissProt:** P20023

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### Recommended Use:

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

### Data:

Human peripheral blood lymphocytes are stained with Anti-Human

CD21 Monoclonal Antibody(AF647 Conjuaged)(filled gray histogram)  
or isotype control(empty black histogram).

**Storage:**

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do  
not freeze.

This product is guaranteed up to one year from purchase.