

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD20 Monoclonal  
Antibody(PE/Cyanine5.5 Conjugated)

**Catalog:** DL20648F

**Synonyms:** B-lymphocyte antigen CD20, MS4A1, B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, MS4A1, CD20

**Background:** CD20 is a 33-37 kD, four transmembrane spanning protein, also known as B1 and Bp35. CD20 is expressed on pre-B-cells, resting and activated B cells (not plasma cells), some follicular dendritic cells, and at low levels on a T cell subset. CD20 is heavily phosphorylated on activated B cells and malignant B cells. Homo-oligomeric complexes of CD20 are thought to form  $\text{Ca}^{2+}$  conductive ion

channels in the plasma membrane of B cells. The CD20 molecule is involved in B-cell activation and is associated with various Src family kinases (Lyn, Lck, Fyn). It exists in a complex with MHC class I and II, CD53, CD81, and CD82.

**Form:** Liquid

**Isotype:** Mouse IgG2a,  $\kappa$

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

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** PE/Cyanine5.5

**SwissProt:** P11836

**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.

**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.