Product name:	AF/LE Purified Anti-Human CD20 Monoclonal Antibody
Catalog:	DL22239F
Synonyms:	Bp35,Leukocyte surface antigen Leu-16,MS4A1,B-lymphocyte surface antigen B1
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 Ca2+ 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 IgG2b, κ

Size: 50μg/500μg/1mg

Host: Mouse

Reactivity: Human

Application: Depletion, FCM, IHC, IP

Concentration: 0.5 mg/mL

Conjugation: None (Purified antibody,Azide Free/Low endotoxin)

SwissProt: P11836

Buffer: 0.2 μm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 2.0 μg 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.

Storage:

Keep as concentrated solution.

Store at 2~8℃. Do not freeze.

This product is guaranteed up to one year from purchase.