Product Datasheet

Purified Anti-Human CD20 Antibody [2H7]

Catalogue Code: AGEL2391

Antibody Data

Product SKU:	**AGEL2391**	**Clone:**	**2H7**
Applications:	**FCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: Bp35;Leukocyte surface antigen Leu-16;MS4A1;B-lymphocyte surface antigen B1;

Uniprot ID: P11836

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

Conjugation: Unconjugated

Size: 25µg, 100µg

Host Species: Mouse

Isotype: Mouse IgG2b, κ

Isotype Control: Purified Mouse IgG2b, κ Isotype Control[MPC-11] [Product AGEL2391]

Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Shipping: Biological ice pack at 4℃

Stability & Storage:	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.
Recommended Usage:	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 106 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.