

Anti-CD20 Antibody-PerCP (8W940)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	PerCP
Clone:	8W940
Purification:	Protein A

Applications

Verified Activity:	Profile of anti-CD20 reactivity on peripheral blood lymphocytes analyzed by flow cytometry.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Human CD20 Transfected CHO Cells
Antigen Species:	Human
Synonyms:	LEU-16;B1;CD20;membrane-spanning 4-domains, subfamily A, member 1;MS4A1;S7;MS4A2;CVID5;Bp35
Biology Area:	Cancer Drug Targets

Research Background

CD20 (membrane-spanning 4-domains, subfamily A, member 1), also known as MS4A1, is a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. CD20 / MS4A1 is expressed in all stages of B cell development except the first and last. CD20 / MS4A1 is present from pre-pre B cells through memory cells, but not on either pro-B cells or plasma cells. It is a B-lymphocyte surface molecule that plays a role in the development and differentiation of B-cells into plasma cells. CD20 / MS4A1 may be involved in the regulation of B-cell activation and proliferation. Defects in CD20 / MS4A1 are the cause of immunodeficiency common variable type 5(CVID5). CVID5 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections, and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B-cells are usually in the normal range but can be very low. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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