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10-4155-F: Monoclonal Antibody to CD20 (Clone: B9E9) FITC Conjugated

Clonality :	Monoclonal
Clone Name :	B9E9
Application :	FACS
Reactivity :	Human
Conjugate :	FITC
Gene :	MS4A1
Gene ID :	931
Uniprot ID :	P11836
Format :	Purified
Alternative Name :	B-lymphocyte antigen CD20,B-lymphocyte surface antigen B1,Bp35,Leukocyte surface antigen Leu-16,Membrane-spanning 4-domains subfamily A member 1,CD_antigen: CD20
Isotype :	Mouse IgG2a, Kappa
Immunogen Information :	Lymphoblastoid cell line Daudi was used as the immunogen for this antibody.

Description

CD20 is clinically validated as an immunotherapy target for B-cell lymphomas and autoimmune diseases. CD20 consists of large, intracellular, amino- and carboxyterminal portions connected by 4 membrane-spanning domains. Its high expression on malignant B cells and its reported lack of shedding from the surface make CD20 an ideal target for antibody-mediated killing. Anti-CD20 antibodies are believed to mediate the therapeutic effect by activation of complement-dependent cytotoxicity (CDC) and largely by antibody-dependent cellular cytotoxicity exerted by recruitment of innate immune effector cells expressing the Fcgamma receptor IIIa.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	0.2 mg/ ml of Tris buffer containing 0.05% sodium azide.
Storage condition :	Store the antibody at 4°C, stable for 6 months.

Application Note

FACS: 0.5-1 µg/10^6 cells

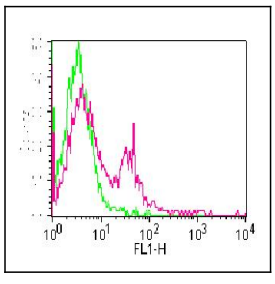


Fig-1: Cell surface flow analysis of FITC conjugated hCD20 on PBMC cells using 0.5 µg/ 10^6 cells. Green represents isotype control (ABEOMICS); red represents FITC conjugated anti-CD20 antibody (10-4155-F).

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