

10-4162-F: Monoclonal Antibody to CD20 (Clone: ABM46C7) FITC Conjugated

Clonality :	Monoclonal
Clone Name :	ABM46C7
Application :	FACS
Reactivity :	Human
Conjugate :	FITC
Gene :	MS4A1
Gene ID :	931
Uniprot ID :	P11836
Format :	Purified
Alternative Name :	MS4A1,CD20
Isotype :	Mouse IgG2b Kappa
Immunogen Information :	A partial length recombinant protein corresponding to extra cellular domain of CD20 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 surfacemake 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 in Tris buffer containing 0.05% sodium azide.
Storage condition :	Store the antibody at 4°C; stable for 6 months.

Application Note

FACS : 0.5 µg / 10⁶ cells

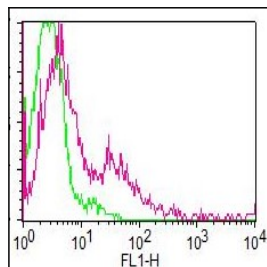


Fig-1: Cell surface flow analysis of hCD20 in PBMC using 0.5 µg/10⁶ cells. Green represents isotype control (ABEOMICS); red represents FITC conjugated anti-hCD20 antibody (10-4162F).