

Recombinant Human CD19 Protein, Fc-tagged, FITC conjugated

Cat. No. CD19-408HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview FITC conjugated recombinant human CD19, transcript variant 2, fused with Fc tag at C-terminal was expressed in HEK293.

Species Human

Source HEK293

Description Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

Molecular Mass 57 kDa

Purity > 80 % as determined by SDS-PAGE and Coomassie blue staining

Characteristic Disulfide-linked homodimer
 Labeled with FITC via amines
 Excitation source: 488 nm spectral line, argon-ion laser
 Excitation Wavelength: 488 nm
 Emission Wavelength: 535 nm

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Concentration > 50 µg/mL as determined by microplate BCA method

Storage Buffer 1 × PBS, pH 7.4, 10% glycerol.

Conjugation FITC

GENE INFORMATION

Gene Name CD19 CD19 molecule [Homo sapiens]

Official Symbol CD19

Synonyms CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802;

Gene ID 930

mRNA Refseq NM_001770

Protein Refseq NP_001761

MIM 107265

UniProt ID P15391

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