

Recombinant Human CD19 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD19-408HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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 Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Concentration	> 50 µg/mL as determined by microplate BCA method
Storage Buffer	1 × PBS, pH 7.4, 10% glycerol.
Conjugation	Alexa Fluor 555
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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