Active Recombinant Human CD19 protein, His-tagged, R-PE labeled

Cat. No. CD19-3309HP **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD19 protein, His-tagged was Conjugated with NH2-Reactive R-PE(R-Phycoerythrin).
Species	Human
Source	HEK293
ProteinLength	Met1-Lys291
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Human CD19 His at 2 μg/ml (100 μl/well) can bind Anti-CD19 Antibody, the EC50 of Anti-CD19 Antibody is 5-40 ng/mL.
Molecular Mass	The recombinant human CD19 consists of 283 amino acids and predictes a molecular mass of 31.6 kDa. In SDS-PAGE under reducing conditions, rhCD19 migrates as an approximately 47 kDa band due to glycosylation.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.
Conjugation	R-PE

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_001178098
Protein Refseq	NP_001171569
MIM	107265
UniProt ID	P15391

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