

Active Recombinant Human CD30 protein, Fc-tagged, FITC-Labeled

Cat. No. CD30-3074H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human CD30 protein(Phe 19-Lys 379), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Phe 19-Lys 379
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Monoclonal Anti-Human CD30 Human Antibody, Human IgG1 at 1 μg/mL (100 μL/well) can bind FITC-Labeled Human CD30, Fc Tag with a linear range of 0.08-1.3 μg/mL. Immobilized Human CD30 Ligand, Mouse IgG2a Fc Tag, low endotoxin at 2 μg/mL (100 μL/well) can bind FITC-Labeled Human CD30, Fc Tag with a linear range of 0.2-1.3 μg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 64.6 kDa. The protein migrates as 70-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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°C before opening to recover the entire contents.
Conjugation	FITC

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