

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | FITC-Labeled Recombinant Human CD30 protein(Phe 19-Lys 379), fused with Fc tag, was expressed in HEK293.                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Phe 19-Lys 379                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                                                                                                                                                                                          |
| <b>Bio-activity</b>     | 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. |
| <b>Molecular Mass</b>   | 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.                                                                                                                                           |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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| <b>Purity</b>         | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                     |
| <b>Storage</b>        | 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. |
| <b>Reconstitution</b> | 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.                                                                                                                       |
| <b>Conjugation</b>    | FITC                                                                                                                                                                                                                                                                                                |