

Rev03  
 Update: Aug,08,2025

**DATASHEET**

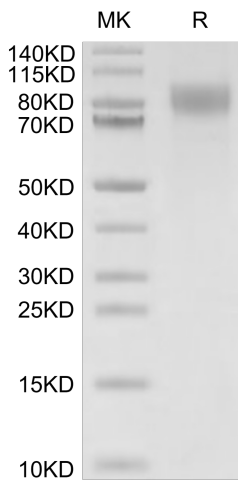
# CD30/TNFRSF8, His, Cynomolgus

Cat. No.: Z04114

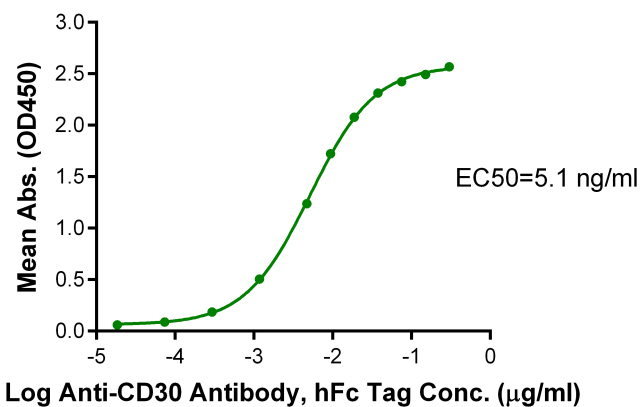
## Product Introduction

<b>Species</b>	Cynomolgus
<b>Protein Construction</b>	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> <b>CD30/TNFRSF8 (Ala27-Pro394)</b>            Accession # A0A2K5VW07         </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center; margin-left: 10px;"> <b>His</b> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> <span>N-term</span> <span>C-term</span> </div>
<b>Purity</b>	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized CD30/TNFRSF8, His, Cynomolgus at 2µg/ml (100µl/Well) on the plate can bind AntiCD30 Antibody, hFc Tag. Test result was comparable to standard batch.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	39.86 kDa
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 75-105 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

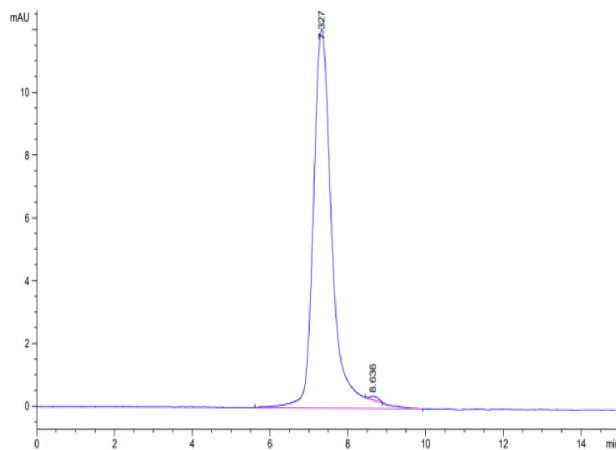
## Examples



CD30/TNFRSF8, His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized CD30/TNFRSF8, His, Cynomolgus His Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-CD30 Antibody, hFc Tag with the EC50 of 5.1 ng/ml determined by ELISA.



The purity of CD30/TNFRSF8, His, Cynomolgus is greater than 95% as determined by SEC-HPLC.

## Background

**Target Background :** The transmembrane receptor CD30 (TNFRSF8) and its ligand CD30L (CD153, TNFSF8) are members of the tumor necrosis factor (TNF) superfamily and display restricted expression in subpopulations of activated T-and B-cells in nonpathologic conditions. CD30 expression is upregulated in various hematological malignancies, including Reed-Sternberg cells in Hodgkin's disease (HD), anaplastic large cell lymphoma (ALCL) and subsets of Non-Hodgkin's lymphomas (NHLs).

**Synonyms :** CD30; CD30KI-1; CD30L receptor; TNFRSF8; D1S166EKi-1; CD30KI-1

**For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.**

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