

**PRODUCT INFORMATION**

<b>Clone ID</b>	DM105
<b>Target</b>	CD30
<b>Synonyms</b>	TNFRSF8;CD30;D1S166E;Ki-1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CD30 antibody(DM105); Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P28908
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA; Flow Cyt; WB
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 1:100; WB 1:1000
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<b>Background</b>	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated; but not by resting; T and B cells. TRAF2 and TRAF5 can interact with this receptor; and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis; and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr



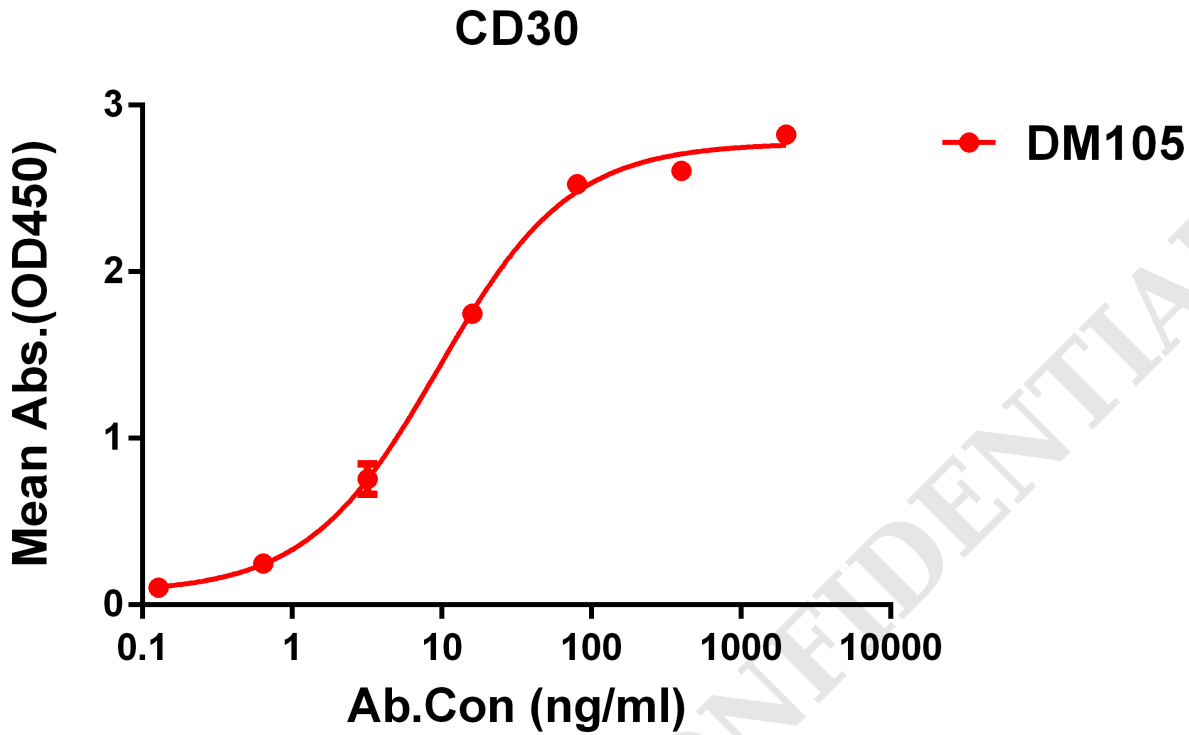


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD30 protein, His tagged protein PME100481 can bind Rabbit anti-CD30 monoclonal antibody (clone: DM105) in a linear range of 0.12-80 ng/ml.

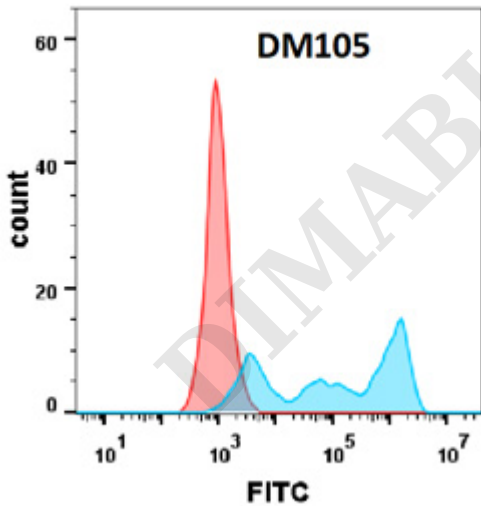


Figure 2. Flow cytometry analysis with Anti-CD30 (DM105) on HEK293 cells transfected with human CD30 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



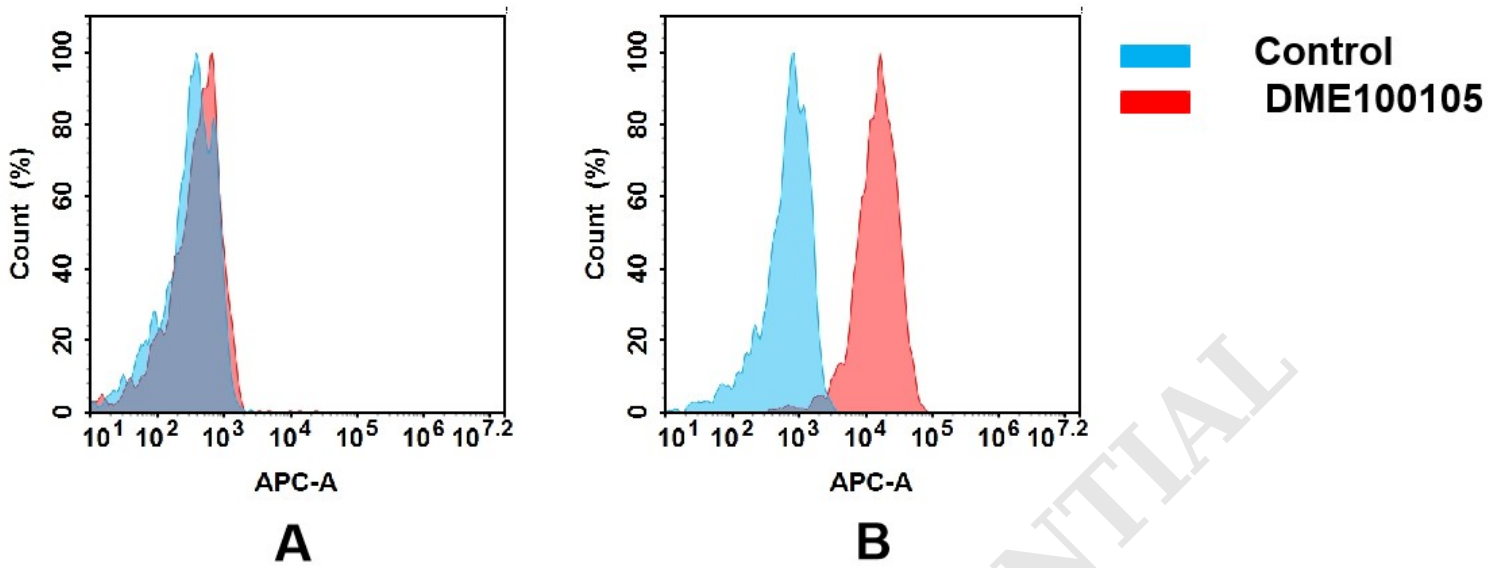


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 mAb( DME100105).

(A) DME100105 does not bind to 293T cells that do not express CD30.

(B) A clear peak shift of DME100105 was seen compared to the control when incubated with CD30-expressing 8226 cells, indicating strong binding of DME100105 to CD30. Antibodies were incubated at 10 µg/mL.

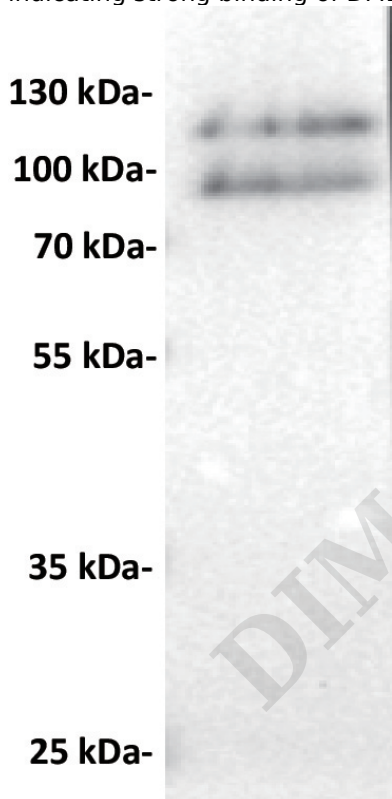


Figure 4. Anti-CD30 antibody (SKU# DME100105) at 1/1000 dilution

Lane : RPMI8226, whole cell lysate

Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 64 kDa  
Observed band size: 90-110 kDa

