

## 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>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>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



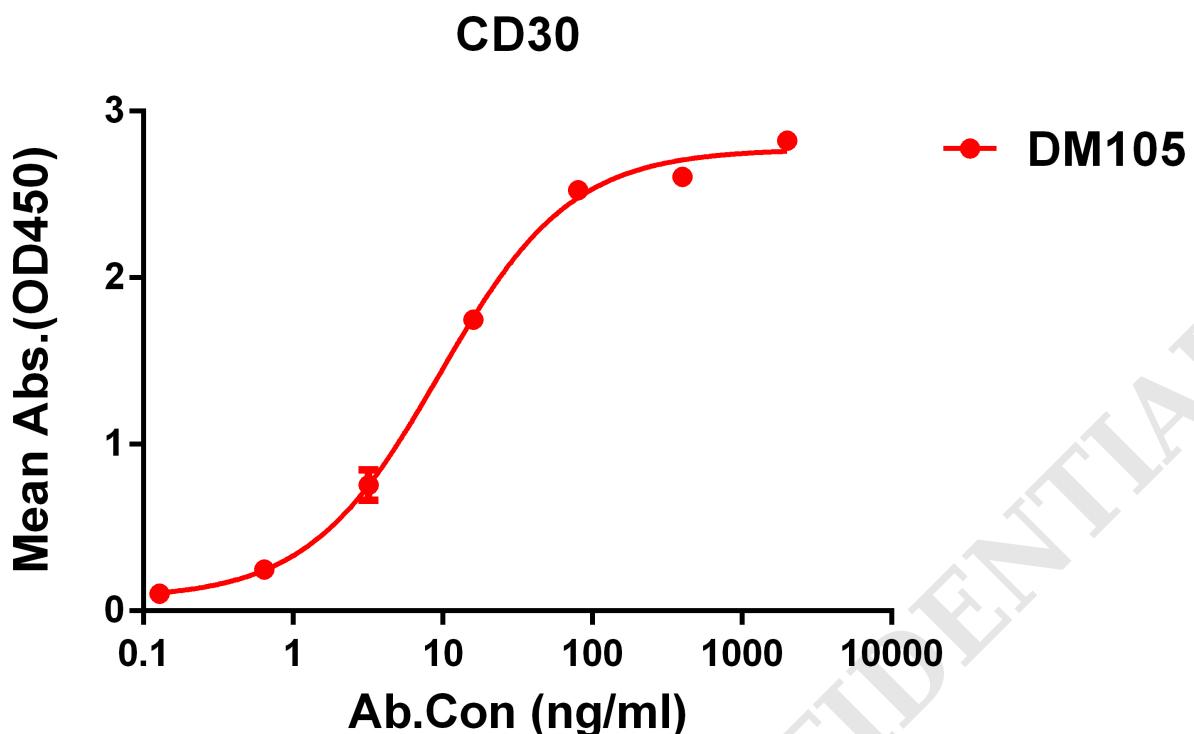


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human CD30 protein, His tagged protein PME100481 can bind Rabbit anti-CD30 monoclonal antibody (clone: DM105) in a linear range of 0.12-80 ng/ml.

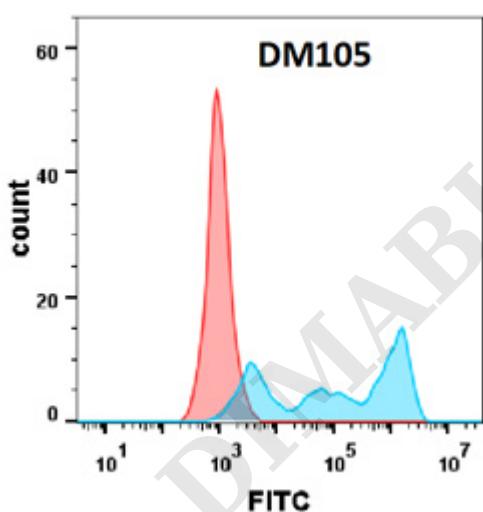


Figure 2. Flow cytometry analysis with Anti-CD30 (DM105) on HEK293 cells transfected with human CD30 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



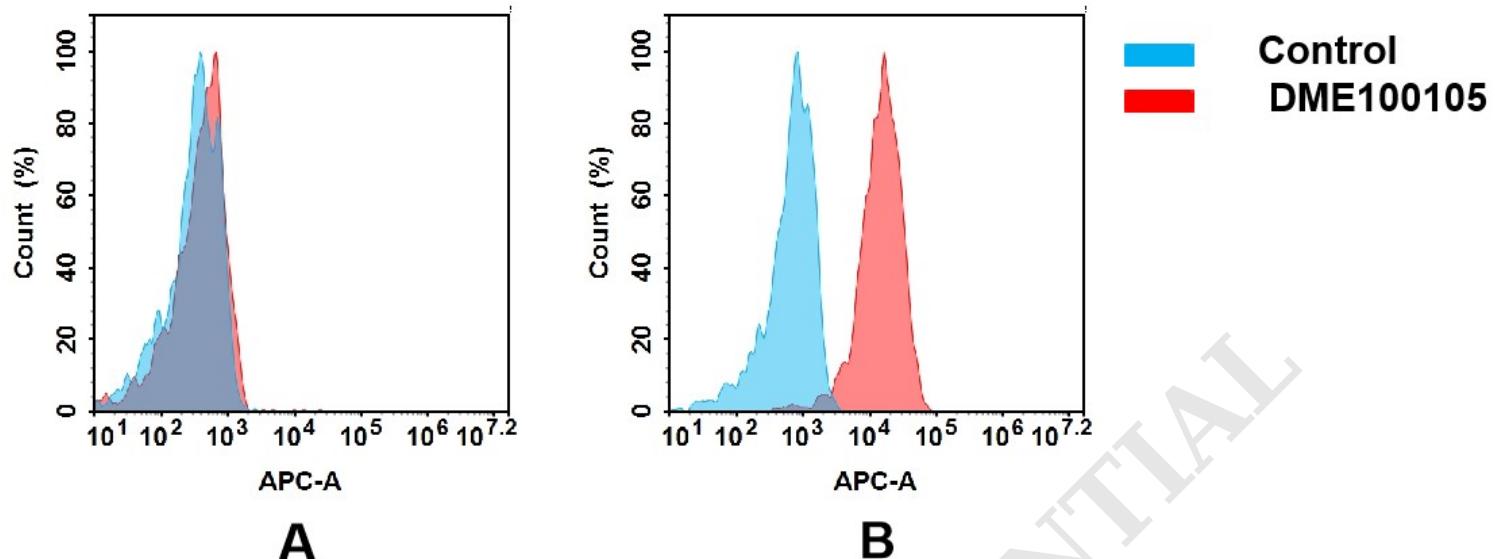


Figure 4. Anti-CD30 antibody (SKU# DME100105) at 1/1000 dilution

Lane : RPMI8226, whole cell lysate

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

Predicted band size: 64 kDa

Observed band size: 90-110 kDa

