PRODUCT INFORMATION

Clone ID	DM104
Target	CD30
Synonyms	TNFRSF8;CD30;D1S166E;Ki-1
Host Species	Rabbit
Description	Anti-CD30 antibody(DM104); Rabbit mAb
Delivery	In Stock
Uniprot ID	P28908
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Storage & Shipping	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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 scrutinizing all patent application to ensure no IP infringement.

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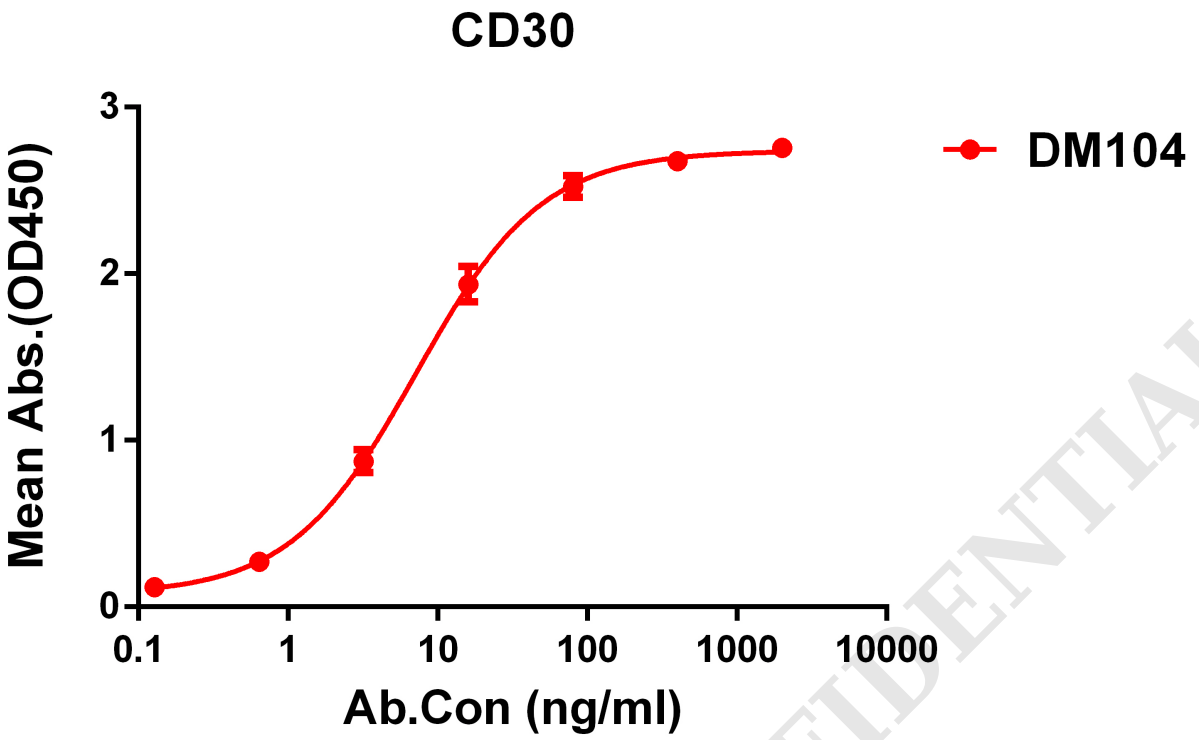

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human CD30 protein, His tagged protein PME100481 can bind Rabbit anti-CD30 monoclonal antibody (clone: DM104) in a linear range of 0.12-80 ng/ml.

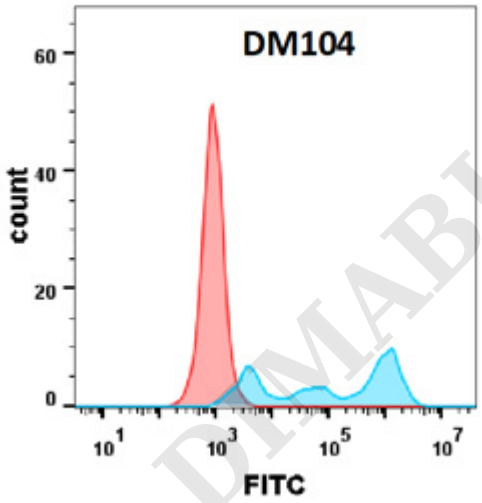

Figure 2. Flow cytometry analysis with Anti-CD30 (DM104) on HEK293 cells transfected with human CD30(Blue histogram) or HEK293 transfected with irrelevant protein(Red histogram).

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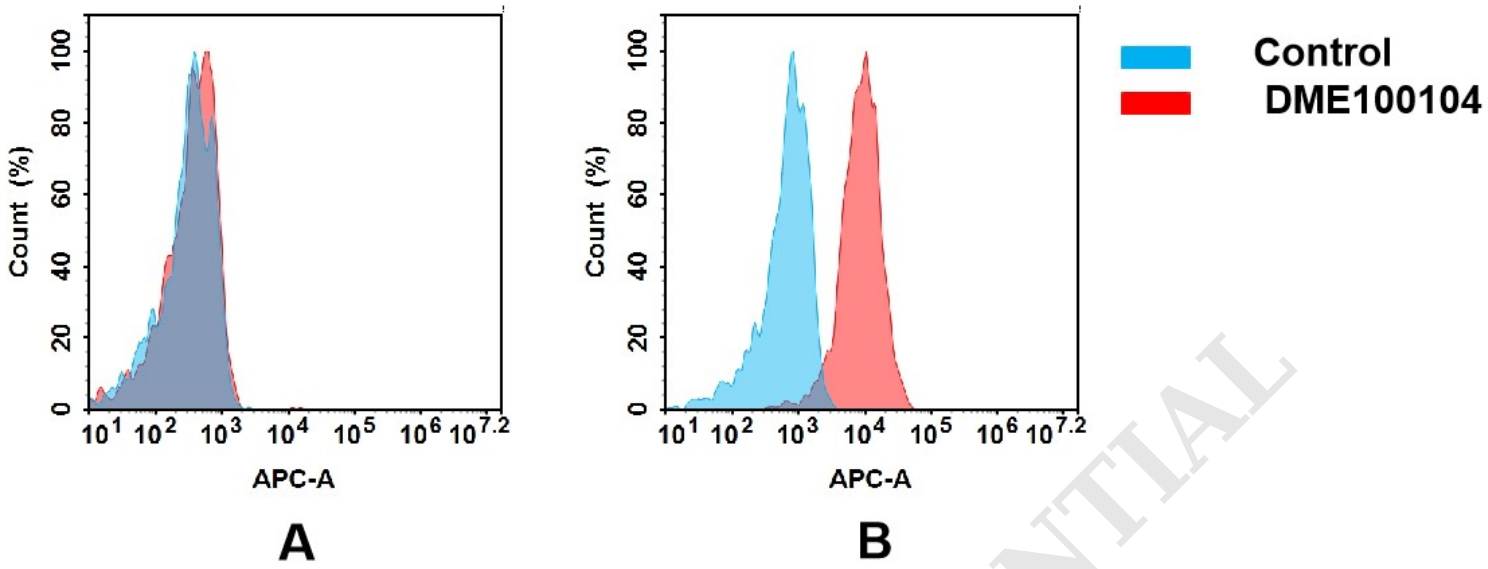

Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 mAb(DME100104).

(A) DME100104 does not bind to 293T cells that do not express CD30.
(B) A clear peak shift of DME100104 was seen compared to the control when incubated with CD30-expressing 8226 cells, indicating strong binding of DME100104 to CD30. Antibodies were incubated at 10 μg/mL.

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