

PRODUCT INFORMATION

Clone ID DM103 **CD30 Target**

Synonyms TNFRSF8;CD30;D1S166E;Ki-1

Host Species Rabbit

Description Anti-CD30 antibody(DM103); Rabbit mAb

Delivery In Stock **Uniprot ID** P28908 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Storage & Shipping

Background

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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.

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.

Research use only Usage Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

patent application. Any protein sequencing or **DIMA Disclaimer** reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.

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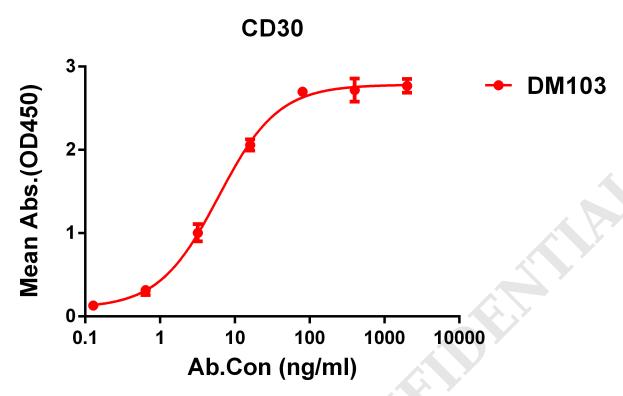


Figure 1. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human CD30 protein, His tagged protein PME100481 can bind Rabbit anti-CD30 monoclonal antibody (clone: DM103) in a linear range of 0.12-60 ng/ml.

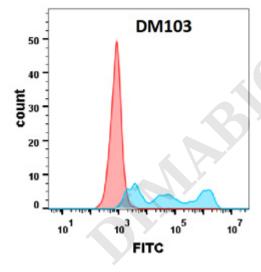


Figure 2. Flow cytometry analysis with Anti-CD30 (DM103) on HEK293 cells transfected with human CD30(Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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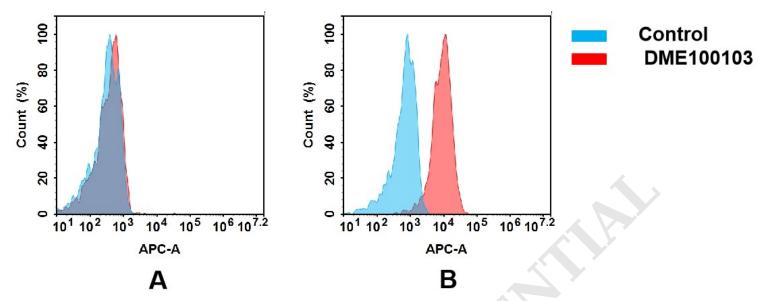


Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 mAb(DME100103).

(A) DME100103 does not bind to 293T cells that do not express CD30. (B) A clear peak shift of DME100103 was seen compared to the control when incubated with CD30-expressing 8226 cells, indicating strong binding of DME100103 to CD30. Antibodies were incubated at 10 μ g/mL.

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