PRODUCT INFORMATION

Clone ID	DM201
Target	CD30 Ligand
Synonyms	CD30-L;CD153;TNFSF8;CD30L;CD30LG;CD153 antigen;CD30 antigen ligand;CD30 Ligand
Host Species	Rabbit
Description	Anti-CD30 Ligand antibody(DM201); Rabbit mAb
Delivery	In Stock
Uniprot ID	P32971
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 cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8:CD30; which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines; while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30 lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene.
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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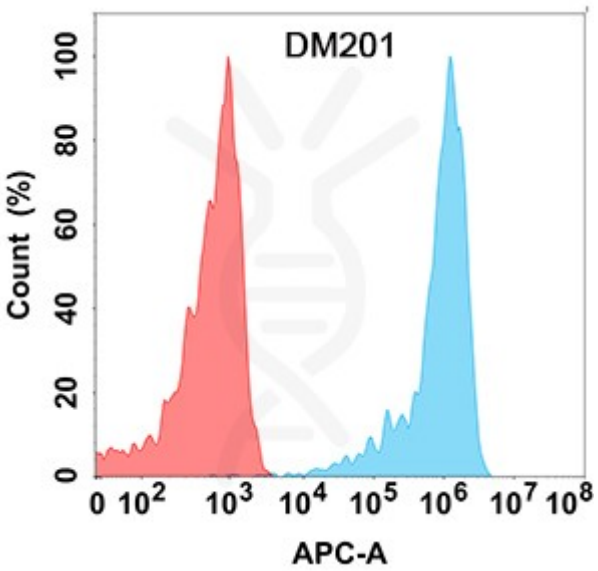

Figure 1. Flow cytometry analysis with Anti-CD30L (DM201) on HEK293 cells transfected with human CD30L (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

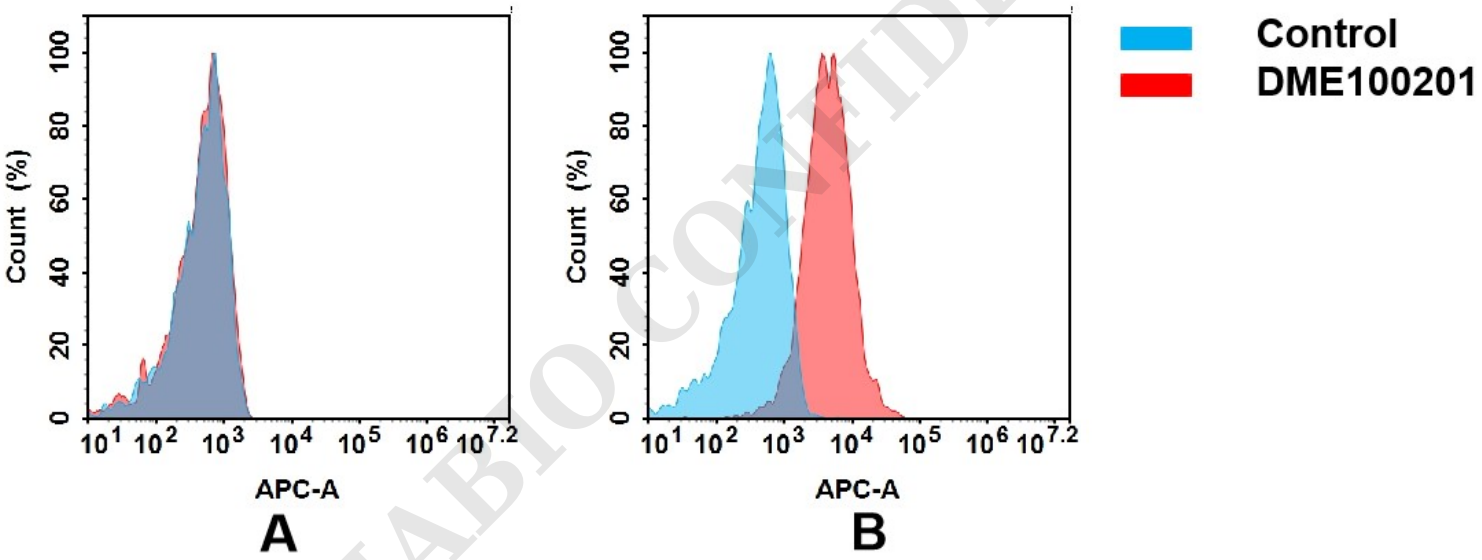

Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 Ligand mAb(DME100201).
(A) DME100201 does not bind to CHO-S cells that do not express CD30 Ligand.
(B) A clear peak shift of DME100201 was seen compared to the control when incubated with CD30 Ligand-expressing Daudi cells, indicating strong binding of DME100201 to CD30 Ligand. Antibodies were incubated at 5 μg/mL.

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