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

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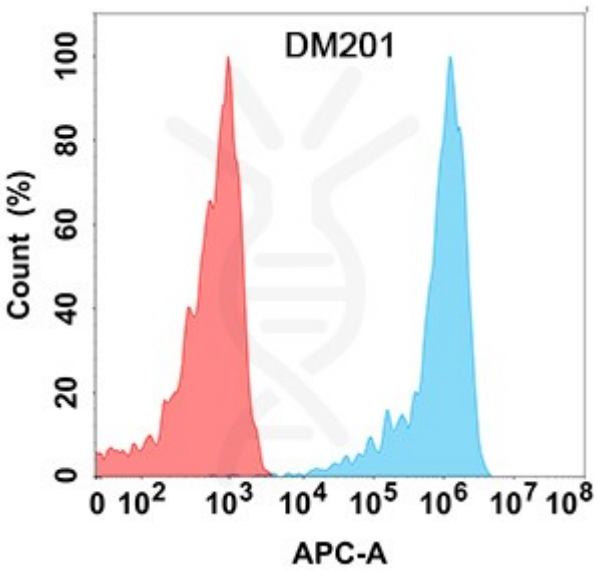

Figure 1. Flow cytometry analysis with Anti-CD30L (DM201) on Expi293 cells transfected with human CD30L (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

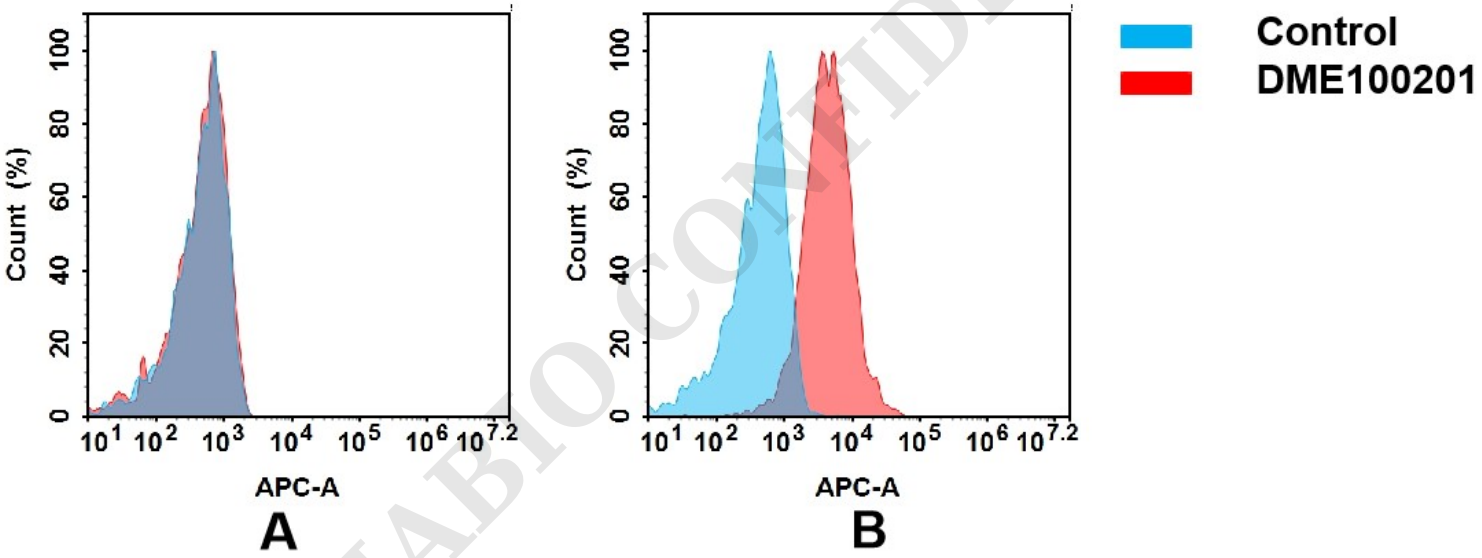

Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 Ligand mAb(DME100201).
(A) DME100201 does not bind to CHO-S cells that do not express CD30 Ligand.
(B) A clear peak shift of DME100201 was seen compared to the control when incubated with CD30 Ligand-expressing Daudi cells,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

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