

PRODUCT INFORMATION

Clone ID DM201

CD30 Ligand **Target**

CD30-L;CD153;TNFSF8;CD30L;CD30LG;CD153 **Synonyms**

antigen; CD30 antigen ligand; CD30 Ligand

Host Species

Description Anti-CD30 Ligand antibody(DM201); Rabbit mAb

Delivery In Stock **Uniprot ID** P32971 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Background

DIMA Disclaimer

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

témperature.

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 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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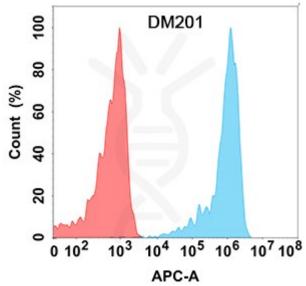


Figure 1. Flow cytometry analysis with Anti-CD30L (DM201) on HEK293 cells transfected with human CD30L (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

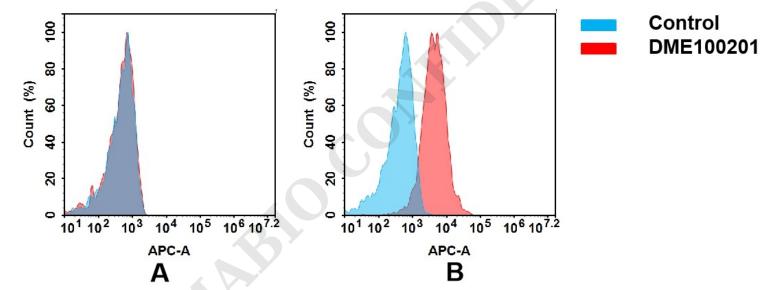


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 Ligand mAb(DME100201). (A) DME100201 does not bind to CHO-S cells that do not express CD30 Ligand. (B) A clear peak shift of DME100201 was seen compared to the control when incubated with CD30 Ligand-expressing Daudi cells,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

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