CD30 LIGAND (DM201) RABBIT MAB

Cat.#: 28544

Product Name: Anti-CD30 Ligand(DM201) Rabbit Monoclonal Antibody

Synonyms: CD30-L;CD153;TNFSF8;CD30L;CD30LG;CD153 antigen;CD30 antigen ligand;CD30 Ligand

Description: Anti-CD30 Ligand antibody(DM201) Rabbit Monoclonal Antibody

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.

Applications: ELISA; Flow Cyt

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

Host Species: Rabbit

Isotype: Rabbit IgG

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human CD30 Ligand

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

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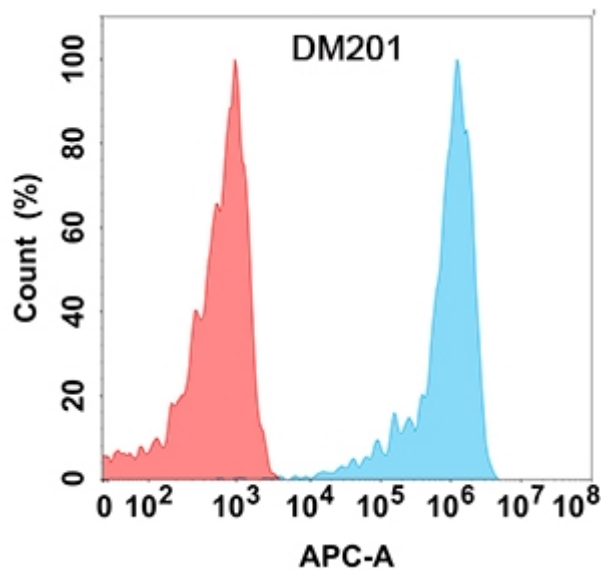
Figure 1. Flow cytometry analysis with Anti-CD30L (DM201) on Expi293 cells transfected with human CD30L (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).