

12-9369: Anti-CD30L antibody(DM201), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	DM201
Application :	ELISA,FACS
Reactivity :	Human
Alternative Name :	CD30-L,CD153,TNFSF8,CD30L,CD30LG,CD153 antigen,CD30 antigen ligand,CD30 Ligand

Description

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.

Product Info

Amount :	100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Not Sterile
Storage condition :	Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

ELISA 1/5000-10000;FACS 1/100

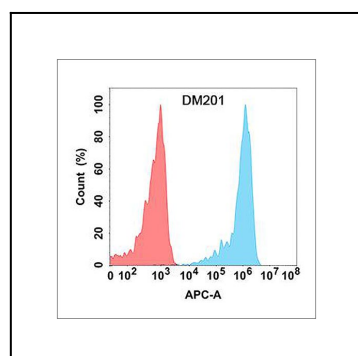


Figure 1. Flow cytometry analysis with Anti-CD30L (DM201) on Expi293 cells transfected with human CD30L (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

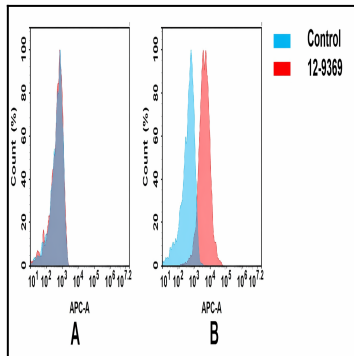


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD30 Ligand mAb(12-9369). (A) 12-9369 does not bind to CHO-S cells that do not express CD30 Ligand. (B) A clear peak shift of 12-9369 was seen compared to the control when incubated with CD30 Ligand-expressing Daudi cells, indicating strong binding of 12-9369 to CD30 Ligand. Antibodies were incubated at 5 μ g/mL.