

LIGHT (DM170) RABBIT MAB

Cat.#: 28513

Product Name: Anti-LIGHT(DM170) Rabbit Monoclonal Antibody

Synonyms: TNFSF14; CD258; HVEM; LIGHT; LTg

Description: Anti-LIGHT antibody(DM170) Rabbit Monoclonal Antibody

Background: The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14; which is a member of the tumor necrosis factor receptor superfamily; and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells; and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

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 LIGHT

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).

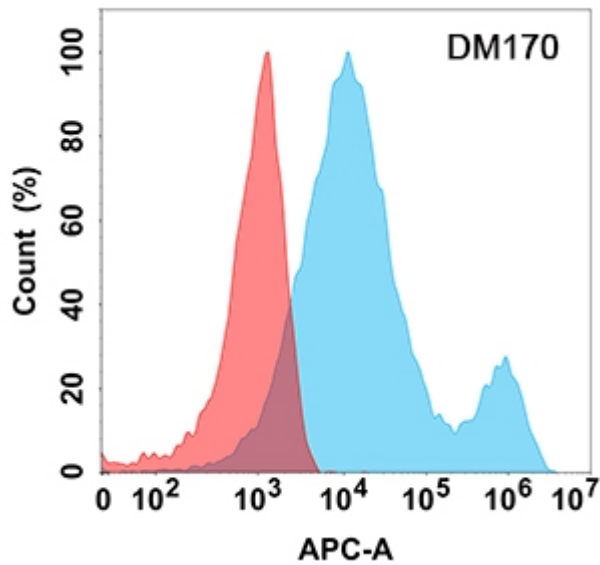


Figure 1. Flow cytometry analysis with Anti-LIGHT (DM170) on Expi293 cells transfected with human LIGHT (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).