

PRODUCT INFORMATION

Clone ID DM170 **Target** LIGHT

Synonyms TNFSF14; CD258; HVEML; LIGHT; LTg

Host Species Rabbit

Description Anti-LIGHT antibody(DM170); Rabbit mAb

Delivery In Stock **Uniprot ID** 043557 IgG type Rabbit IgG 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

temperature.

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.

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

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actively scrutinizing all patent application to

ensure no IP infringement.

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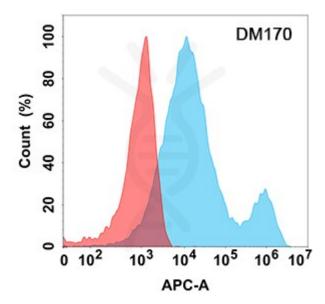


Figure 1. Flow cytometry analysis with Anti-LIGHT (DM170) on Expi293 cells transfected with human LIGHT (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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