

PRODUCT INFORMATION

Clone ID **DMC496 Target** LILRB2

Synonyms LIR-2; ILT-4; MIR-10; CD85d

Host Species Rabbit

Anti-LILRB2 antibody(DMC496); IgG1 Chimeric Description mAb

Delivery In Stock **Uniprot ID** Q8N423

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Background

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 lyophilization. Please see Certificate of Analysis Reconstitution

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.

This gene is a member of the leukocyte

immunoglobulin-like receptor (LIR) family; which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin

domains; a transmembrane domain; and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is

expressed on immune cells where it binds to MHC

class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought

to control inflammatory responses and

cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq; Jul

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Usage Research use only





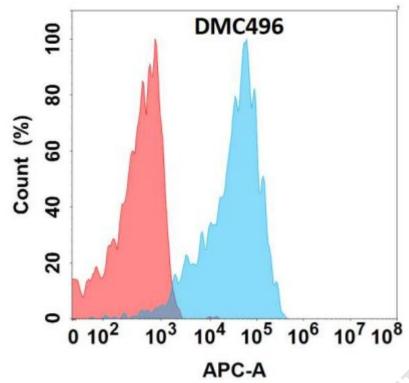


Figure 1. Flow cytometry analysis with Anti-LILRB2 (DMC496) on Expi293 cells transfected with human LILRB2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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