

PRODUCT INFORMATION

Clone ID DM187 IL2 **Target**

Synonyms IL-2; lymphokine; TCGF

Host Species Rabbit

PE-conjugated Anti-IL2 antibody(DM187); Rabbit Description

mAb

Delivery Under Development

Uniprot ID P60568 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Formulation &

Background

DIMA Disclaimer

Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Liquid PBS with 0.05% Proclin300, 1% BSA Reconstitution

Storage & Shipping Store at 2°C-8°C for 6 months

This gene is a member of the interleukin 2 (IL2) cytokine subfamily which includes IL4; IL7; IL9; IL15; IL21; erythropoietin; and thrombopoietin. The protein encoded by this gene is a secreted cytokine produced by activated CD4 and CD8 T lymphocytes; that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine (IL2R) is a heterotrimeric

protein complex whose gamma chain is also shared by IL4 and IL7. The expression of this gene

in mature thymocytes is monoallelic; which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease; which suggests an essential role of this gene in the

immune response to antigenic stimuli.

Usage Research use only

Conjugate PE-conjugated

> 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

actively scrutinizing all patent application to

ensure no IP infringement.



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