

PRODUCT INFORMATION

Clone ID DM187 IL2 **Target**

Synonyms IL-2; lymphokine; TCGF

Host Species

Biotinylated Anti-IL2 antibody(DM187); Rabbit Description mAb

2-3 weeks

Uniprot ID P60568 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

Delivery

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 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 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 **Background**

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 Biotinylated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

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patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are **DIMA Disclaimer**

actively scrutinizing all patent application to

ensure no IP infringement.

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