Cat. No. DME100187



## **PRODUCT INFORMATION**

Clone ID DM187 IL2 **Target** 

**Synonyms** IL-2; lymphokine; TCGF

**Host Species** Rabbit

Description Anti-IL2 antibody(DM187); Rabbit mAb

**Delivery** In Stock **Uniprot ID** P60568 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

**Applications** ELISA; Flow Cyt

Recommended

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions** 

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

chromatography

Formulation &

Storage & Shipping

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 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

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 **Background** 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

All DIMA recombinant antibodies are genuinely

Unconjugated

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

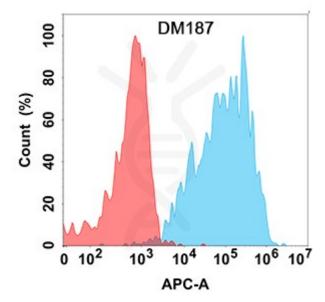
ensure no IP infringement.

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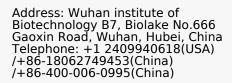
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Conjugate

**DIMA Disclaimer** 



**Figure 1.** Flow cytometry analysis with Anti-IL2 (DM187) on Expi293 cells transfected with human IL2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



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