

Rabbit anti-Human IL-2 mAb (CAP)

Catalog No.: RM17589

Basic Information

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RM17589

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
< 1.0 EU/μg of the protein by LAL method.

Storage
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

Contact

| | |
|--|----------------------|
|  | order@abclonal.com |
|  | support@abclonal.com |
|  | www.abclonal.com |

Background

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.

Immunogen Information

Immunogen
Recombinant IL-2 Protein

Cross-Reactivity

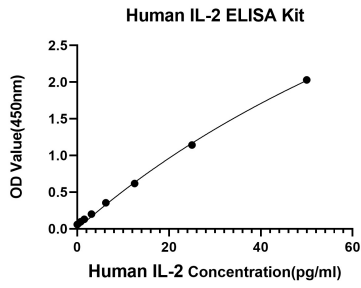
No cross-reactivity in ELISA assay with recombinant hG-CSF, hGM-CSF, hIL-1β, hIL-1α, hIL-2R, hIL-3, hIL-4, hIL-6, hIL-8, hTGF-β 1, hTNF-α, mL-1β, mL-2, mL-6, mL-4, mL-5, mL-2

Assay Applications

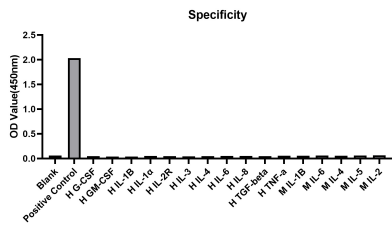
Human IL-2 Sanwich ELISA Immunoassay

| | Recommended Concentration | Sample |
|-----------------|---------------------------|--|
| ELISA Capture | 2-8ug/mL | Rabbit anti-Human IL-2(CAP)(Cat. No.RM17589) |
| ELISA Detection | 0.15-0.6ug/mL | Rabbit anti-Human IL-2(DET)(Cat. No.RM17590) |
| Standard | 0.78-50pg/mL | Recombinant Human IL-2 Protein |

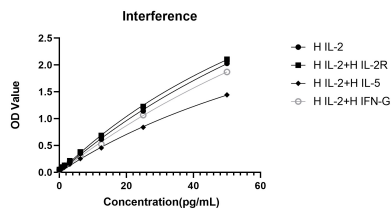
Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



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