

Rabbit anti-Human IL-2R mAb

Catalog No.: RM17911

Basic Information

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Catagory
Elisa Antibody Kit

Application

Product Information

Ig Type


Purification


Endotoxin Level

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

Formulation

Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

Background

The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency. Patients with severe Coronavirus Disease 2019 (COVID-19), the disease caused by the novel severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), have significantly elevated levels of IL2R in their plasma. Similarly, serum IL-2R levels are found to be elevated in patients with different types of carcinomas. Certain IL2RA and IL2RB gene polymorphisms have been associated with lung cancer risk.

Immunogen Information

Immunogen

Cross-Reactivity

Assay Applications
