



11 Park Drive, Suite 12
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Rat anti mouse CD25 (IL-2R α) (Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0038
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse IL-2-dependent cytolytic T-cells
Ig Type:	Rat IgG1
Clone	AP-MAB0845
Endotoxin Level	< 0.002EU/ μ g IgG*
Applications:	FC, IP, IHC (Frozen) & Blocking

Description: CD25 is a 55 kD glycoprotein, also known as the low affinity IL-2R α , Ly-43, p55, or Tac. It is expressed on activated T and B cells, thymocyte subset, pre-B cells, and T regulatory cells. In association with CD122 (IL-2R β) and CD132 (common γ chain), CD25 forms the high affinity signaling IL-2 receptor.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Mouse IL-2-dependent cytolytic T-cells**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μ m filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** Extremely low level of LPS (< 0.002EU/ μ g IgG)

Application(s):

1. FC and IP
2. IHC (Frozen)
3. Blocking IL-2 binding to its receptor and inhibit IL-2 stimulated cell growth.

* The antibody is produced by in vitro culture.

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