

Rat monoclonal anti mouse CD25

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0010
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	IL-2-dependent cytolytic mouse T-cell
Ig Type:	Rat IgG1
Clone	AP-MAB0817
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	Blocking of IL-2 binding, growth inhibition, Depletion of CD25+CD4+ T_{reg} cells

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. The PC61 antibody is able to block IL-12 binding to its receptor and inhibit IL-2 stimulated cell growth.

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

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.

Specificity: The antibody was selected for its ability to detect Activated T and B cells, thymocyte subset, pre-B cells, T regulatory cells

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

Application(s):

- 1. Blocking of IL-2 binding to the low- and high-affinity receptors**
- 2. Growth inhibition of IL-2-dependent T-cell lines**
- 3. Depletion of CD25+CD4+ T_{reg} cells**

*** The antibody is produced by in vitro culture and for Research Use Only.**