

Rat anti mouse CD122 (IL-2R β chain) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0024
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse CD122 (IL-2Rβ) recombinant protein
Ig Type:	Rat IgG2
Clone	AP-MAB0831
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IP & Blocking

Description: CD122 is a 70-75 kD IL-2 receptor β chain also known as IL-2R β , which is also shared by the IL-15 receptor. It is constitutively expressed by NK cells and at lower levels by T cells, B cells, monocytes, and macrophages. The IL-2R β chain can combine with either the common γ subunit (γ c, CD132) alone or with the γ c subunit and the IL-2R α subunit (CD25) to generate intermediate or high affinity IL-2 receptor complexes, respectively. CD122 expression levels can be upregulated by activation.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with Mouse CD122 (IL-2R β) recombinant protein).

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**
- 2. Blocking IL-2 binding to the IL-2 receptor**

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