

Rat monoclonal anti mouse CD210 (IL-10R)

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0045
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse recombinant soluble IL-10R
Ig Type:	Rat IgG1
Clone	AP-MAB0852
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC and Blocking

Description: CD210 is a 90-110 kD IL-10 receptor. It is a class II cytokine receptor expressed on thymocytes, T cells, B cells, NK cells, monocytes and macrophages. Ligand binding of CD210 induces Jak1 and Tyk, resulting in STAT1 and STAT3 activation. IL-10 receptor stimulation results in the inhibition of cytokine production and the costimulation of B cell proliferation and differentiation. The only known ligand for this receptor is IL-10.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Mouse recombinant soluble IL-10R**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm 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/μg IgG)

Application(s):

- 1. FC**
- 2. In vitro and in vivo blocking of ligand binding**

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