

Rat monoclonal anti mouse IL-4

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0039
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Mouse recombinant IL-4
Ig Type:	Rat IgG1
Clone	AP-MAB0846
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IP, IHC (Frozen) & Neutralizing

Description: IL-4 is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. IL-4 is a potent lymphoid cell growth factor which stimulates the growth and activation of certain B cells and T cells. IL-4 is important for regulation of T helper subset development.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Mouse recombinant IL-4**).

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 and IP**
- 2. IHC (Frozen)**
- 3. Neutralizing the bioactivity of natural or recombinant IL-4**

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