

Rat monoclonal anti human IL-5

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0236
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant human IL-5
Ig Type:	Rat IgG1
Clone	AP-MAB1636
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IHC, ICC and Functional Assay

Description: IL-5 is a homodimeric, disulphide-linked protein produced by T-cells. Monomeric human IL-5 is a 126 amino acid protein with a reported molecular weight of 26 kD for the homodimeric protein. Mouse and human IL-5 are approximately 70% identical. IL-5 has been shown to promote the growth of immature hematopoietic BFU-E progenitors, stimulate the activation and differentiation of eosinophils, and promote the generation of cytotoxic lymphocytes. Mouse IL-5 induces the differentiation and proliferation of pre-activated B-cells and stimulates the production and secretion of IgM and IgA by B-cells stimulated with bacterial endotoxin.

Preparation: This antibody was produced from a hybridoma (rat myeloma fused with spleen cells from a rat immunized with **Recombinant human IL-5**).

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. IHC (frozen) and ICC**
- 3. Neutralization**
(this clone is cross reactive to rat counterpart protein)

*** The antibody is produced by in vitro culture and for research use only**