**Rat monoclonal anti human IL-12 (p35)**

**(Azide-free & Low endotoxin)**

**ORDERING INFORMATION**

 **Catalog Number: gAP-0210**

 **Size: 1.00 mg**

 **Storage: < -20° C**

**Immunogen: Recombinant human IL-12 (p35)**

**Ig Type: Rat IgG1**

 **Clone AP-MAB1610**

**Endotoxin Level < 0.002EU/g IgG\***

**Applications: IHC, WB, and Blocking**

***Description:*** Human IL-12 (p35) gene encodes a subunit of a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. The cytokine is a disulfide-linked heterodimer composed of the 35-kD subunit encoded by this gene, and a 40-kD subunit that is a member of the cytokine receptor family. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to this cytokine are mediated by the activator of transcription protein STAT4. Nitric oxide synthase 2A (NOS2A/NOS2) is found to be required for the signaling process of this cytokine in innate immunity.

***Preparation:*** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Recombinant human IL-12 (p35)**

***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/g IgG)**

***Application(s):***

1. **IHC**
2. **WB**
3. **Blocking (only in the form of human IL-12 p75)**

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

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