

Rat monoclonal anti mouse MHC Class II

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0067
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Activated C57BL/6 mouse spleen cells
Ig Type:	Rat IgG2
Clone	AP-MAB0874
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IP, IHC (Frozen) and Blocking

Description: MAB0874 reacts with a polymorphic determinant shared by the I-Ab, I-Ad, I-Aq, I-Ed, and I-Ek MHC class II alloantigens. These class II molecules are expressed on antigen presenting cells (including B cells) and a subset of T cells from H-2b,d,q,r bearing mice and are involved in antigen presentation to T cells expressing CD3/TCR and CD4 proteins.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with **Activated C57BL/6 mouse spleen cells**).

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, IP and IHC (Frozen)
2. Blocking antigen presentation

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