

Rat monoclonal anti mouse INF-gamma **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0047
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant mouse INF-gamma
Ig Type:	Rat IgG1
Clone	AP-MAB0854
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	IHC (frozen) and Neutralizing

Description: Interferon-gamma is a potent multifunctional cytokine which is secreted primarily by activated NK cells and T cells. Originally characterized based on anti-viral activities, IFN-gamma also exerts anti-proliferative, immunoregulatory, and proinflammatory activities. IFN-gamma can upregulate MHC class I and II antigen expression by antigen-presenting cells. The R4-6A2 antibody reacts with mouse interferon-gamma (IFN-gamma).

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

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. IHC (frozen)**
- 2. Neutralizing bioactivity of natural or recombinant IFN-gamma**

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