

Ifng

## Rabbit Anti-Rat IFN-gamma pAb

**Catalog No.** CPI000 **Quantity:** 0.5 mg  
**Alternate Names:** IFG, IFI, interferon gamma, IFN-gamma, immune interferon  
**Description:** This polyclonal antibody, which reacts with rat IFN- $\gamma$ , was generated using E. coli-expressed rat IFN- $\gamma$  as an immunogen.

IFN- $\gamma$  (Interferon- $\gamma$ ) is a cytokine that is produced by TH2-like CD4+ T cells. It is engaged in inflammatory response against invading infectious agents. Overreaction to infectious disease and overproduction of IFN- $\gamma$  could lead to immunopathology, a process very similar to autoimmune response. Therefore, anti-IFN- $\gamma$  can play a role in limiting the intensity and/or duration of toxic immune response. This is seen as anti-IFN- $\gamma$  antibodies can interfere with the generation of cytotoxic lymphocytes. In another case, anti-IFN- $\gamma$  has also been used to reverse cancer cachexia.

**Gene ID:** 25712  
**Specificity:** Rat  
**Host:** rat  
**Immunogen:** IFN-gamma  
**Isotype:** IgG  
**Formulation:** Protein A purified rabbit IgG, 500  $\mu$ g, with 0.1% sodium azide, lyophilized.  
**Reconstitution:** Reconstitute to 1 mg/ml by adding 500  $\mu$ l PBS.  
**Cross-Reactivity:** Cross-reactivity to IFN $\gamma$  of other species has not been determined.  
**Applications:** This antibody has been tested on ELISPOT.  
**Storage & Stability:** 4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw cycles.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

