IFN gamma Antibody (XMG1.2)

**Product Specific Information**

- ** Tested Species Reactivity: ** Mouse (Ms)  
  - Human (Hu)  
  - Mouse (Ms)  
  - Rat (Rt)
- ** Published Applications: **  
  - Immunohistochemistry (IHC)  
  - Flow Cytometry (FACS)  
  - ELISA (ELISA)  
  - Blocking Assay (BLOCK)  
- ** Dilution: ** Assay Dependent

**General Information**

- **Catalog Number:** MM700
- **Size:** 500 ug
- **Class:** Monoclonal
- **Type:** Antibody
- **Clone:** XMG1.2
- **Host / Isotype:** Rat / IgG1
- **Immunogen:** Recombinant mouse IFN gamma

- **Form Information**
  - **Form:** Liquid
  - **Concentration:** 0.94 mg/ml
  - **Purification:** Protein A
  - **Storage Buffer:** PBS
  - **Preservative:** no preservative
  - **Storage Conditions:** -20°C

IFN gamma, also called Type II interferon, macrophage activation factor, and immune interferon is produced primarily by T-lymphocytes and natural killer cells in response to antigens, mitogens, Staphylococcus enterotoxin B, phytomelaglutinin and other cytokines. IFN gamma is a glycoprotein that exists, functionally, as a homodimer of approximately 45 kDa. On SDS-PAGE it appears as a combination of 25, 20 and minor 15.5 kDa bands as a result of differential glycosylation. The biological activity of the IFN gamma homodimer is highly species specific and includes the following: antiviral activity, tumor antiproliferative activity, induction of class I and II MHC, macrophage activation, and enhanced immunoglobulin secretion by B lymphocytes. IFNγ is involved in cytokine regulation and also acts synergistically with other cytokines.


**Lot Number:** OL188828