In Vivo Ready™ Anti-Mouse IFN gamma (XMG1.2) Antibody
Catalog # ATB10159

Specification

In Vivo Ready™ Anti-Mouse IFN gamma (XMG1.2) Antibody - Product Information

Application	**IHC-F, IF, FC, E, FA**
Isotype	**Rat IgG1, kappa**
Concentration	**2 mg/mL**
Reactivity	**Mouse**
Formulation	**10 mM NaH2PO4, 150 mM NaCl, pH7.2**
Host	**Rat**

In Vivo Ready™ Anti-Mouse IFN gamma (XMG1.2) Antibody - Additional Information

Gene ID	**15978**
Gene Name	**Ifng**

Alternative Name(s)
IFN-g, IFNg, Interferon-g, Immune interferon, Type II interferon, T cell interferon, Macrophage-activating factor (MAF)

Format
In Vivo Ready™

Preparation
This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

Application Notes
This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis. Citations are provided as a convenience to you - please consult Materials and Methods sections for additional details about the use of any product in these publications.

Endotoxin Level
Less than or equal to 0.01 EU/ug, as determined by the LaL assay

Storage Conditions
2-8°C

In Vivo Ready™ Anti-Mouse IFN gamma (XMG1.2) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytomety](#)
- [Cell Culture](#)

In Vivo Ready™ Anti-Mouse IFN gamma (XMG1.2) Antibody - Images

In Vivo Ready™ Anti-Mouse IFN gamma (XMG1.2) Antibody - Background

 The XMG1.2 antibody is specific for mouse Interferon-gamma (IFN-g), a 20 kDa type II cytokine known for its central roles in protection against bacterial or viral pathogens and for its anti-tumor properties. IFN-g is secreted by several types of immune cells, which allow the cytokine to modulate innate immunity, when secreted by NK and NKT cells, and to function in support adaptive immunity when secreted by Th1 and CD8+ T cells (CTLs).The XMG1.2 antibody is suitable for detection of intracellular IFN-g protein, e.g. by flow cytometry, as well as for quantitative analysis of the secreted protein by ELISA, when paired with an appropriated secondary antibody. This clone is also widely used for neutralization of the functional activity of IFN-g in a variety of assays.