

Anti-Mouse IFN γ [XMG1.2] In Vivo Antibody - Low Endotoxin

IVMB0022

Description

This Anti-Mouse IFN γ [XMG1.2] In Vivo Antibody - Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0022
Contents:	1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml)
Synonyms:	Immune Interferon, Type II Interferon, T Cell Interferon, MAF, IFNG, IFG, IFI
Category:	Monoclonal Antibody
Target:	IFN γ
Clone:	XMG1.2
Isotype:	Rat IgG1 κ
Applications:	CyTOF[®] ELISA Cap ELISPOT ICFC IHC FF In Vivo N WB
Specificity:	Rat Anti-Mouse Interferon Gamma (IFN- γ) (Clone XMG1.2) recognizes an epitope on Mouse IFN- γ . This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antibody Data

Reactivity:	Mouse
Host species:	Rat
Expression Host:	-

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

- Immunogen:** Purified Recombinant Mouse IFN- γ (>98%)
- Product concentration:** \geq 5.0 mg/ml
- Endotoxin Level:** < 1.0 EU/mg as determined by the LAL method
- Purity:** \geq 95% Monomer by analytical SEC, >95% by SDS Page
- Formulation:** This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

- Storage:** Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at \leq -70°C. Avoid Repeated Freeze Thaw Cycles.
Store Bradford Reagent at Room Temperature for 1 Year.
- Shipping:** Next Day 2-8°C
- Preparation:** Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
- Recommended Dilution Buffer:** In vivo Antibody Diluent pH 7.2

Recommended Usage:	Application	Recommended Usage
	ELISA	Cap XMG1.2 antibody is useful as a detection antibody for a sandwich ELISA with a concentration range of 0.5-2.0 μ g/ml as recommended.
	WB	The suggested concentration for this XMG1.2 antibody for use in western blotting is 1-10 μ g/ml.

**Protein
Quantification
(Optional):**

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol