

Product Data Sheet

Purified anti-mouse IFN- γ

Catalog # / Size: 513202 / 100 μ g
Clone: H22
Isotype: Armenian Hamster IgG1, κ
Immunogen: Recombinant full-length murine IFN- γ
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5 mg/ml
Storage: The antibody solution should be stored undiluted at 4°C.

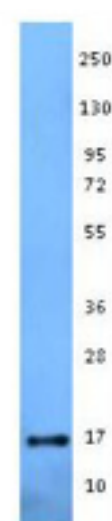
Applications:

Applications: WB - *Quality tested*
 ELISA, IF, IP - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, the suggested use of this reagent is 0.5 μ g per ml. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The purified H22 antibody is useful in mouse IFN- γ ELISA, immunofluorescence and immunoprecipitation applications. For *in vitro* or *in vivo* neutralization applications, it is suggested to use LEAF™ Purified H22. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Schreiber RD, *et al.* 1985. *J. Immunol.* 134:1609.
 2. Williams RO, *et al.* 1993. *Clin. Exp. Immunol.* 92:323
 3. Steed AL, *et al.* 2006. *J. Virol.* 80:192.



Recombinant Mouse IFN- γ was resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-mouse IFN- γ antibody (clone H22). Proteins were visualized using a goat anti-Armenian hamster IgG secondary conjugated to HRP and chemiluminescence detection.

Description: Interferon- γ is a potent multifunctional cytokine which is secreted primarily by activated NK cells and T cells. Originally characterized based on anti-viral activities, IFN- γ also exerts anti-proliferative, immunoregulatory, and proinflammatory activities. IFN- γ can upregulate MHC class I and II antigen expression by antigen-presenting cells.

Antigen References: 1. Fitzgerald K, *et al.* Eds. 2001. The Cytokine FactsBook. Academic Press San Diego.
 2. De Maeyer E, *et al.* 1992. *Curr. Opin. Immunol.* 4:321
 3. Farrar M, *et al.* 1993. *Annu. Rev. Immunol.* 11:571
 4. Gray P, *et al.* 1987. *Lymphokines* 13:151

Related Products:	Product	Clone	Application
	Purified Armenian Hamster IgG Isotype Ctrl	HTK888	FC, ICC, ICFC, IF, IP, WB



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