

Product Data Sheet

Biotin anti-rat IFN- γ

Catalog # / Size: 510901 / 4 plates

Clone: Poly5109

Isotype: Rabbit IgG

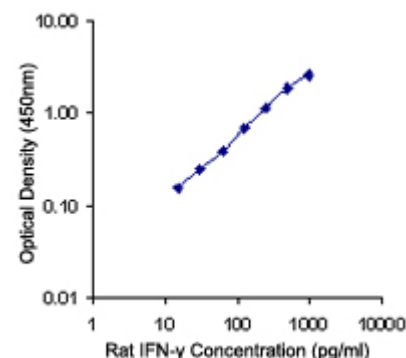
Immunogen: Recombinant rat IFN- γ

Reactivity: Rat

Preparation: The antibody was purified by affinity chromatography, and conjugated with Biotin under optimal conditions. The solution is free of unconjugated Biotin.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Storage: The antibody solution should be stored undiluted at 4°C.



Applications:

Applications: ELISA Detection

Recommended Usage: Each lot of this antibody is quality control tested by ELISA analysis. For ELISA detection, the suggested use of this reagent is 1:1000 dilution. To obtain a linear standard curve, serial dilutions of IFN- γ recombinant protein ranging from 1000 to 8 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The biotinylated poly5019 antibody is useful as the detection antibody in a sandwich ELISA, when used in conjunction with the purified capture antibody (cat. # 507802 or 507808).

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. The poly5109 antibody reacts with rat interferon-gamma (IFN- γ).

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
HRP Streptavidin
Purified anti-rat IFN- γ

Clone

DB-1

Application

ELISA, ELISPOT, IHC, WB
ELISA Capture, ICFC, IHC, WB



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