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Antigen-Affinity Purified Polyclonal Antibodies

Anti-murine IFN-gamma

Description: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant murine IFN-gamma (murine Interferon-gamma). Anti-murine IFN-gamma specific antibody was purified by affinity chromatography employing immobilized murine IFN-gamma matrix.

Host species:	Rabbits
Antigen:	Recombinant murine IFN-gamma
Purification:	Protein A chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution/Stability: The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of ≥ 0.2 mg/ml the antibody is stable for at least six weeks at 2-4°C.

Applications

Neutralization: To yield one-half maximal inhibition [**ND**₅₀] of the biological activity of hIFN-gamma (50 pg/ml), a concentration of 0.04 - 0.06 ng/ml of this antibody is required.

ELISA: To detect murine IFN-gamma by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant murine IFN-gamma.

Western Blot: To detect murine IFN-gamma by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant murine IFN-gamma is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Usage: Anti-murine IFN-gamma is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 103-P07

Size: 100 µg