

Anti-Murine IFN- γ Polyclonal Antibody

CATALOG #:	5117-100
AMOUNT:	100 μ g
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	<i>E. coli</i> expressed murine IFN-gamma

FORMULATION:

100 μ g (0.5 mg/ml) antigen affinity purified rabbit anti-murine IFN-gamma polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, and 0.02% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

IFN-gamma is an acid-labile interferon produced by CD4 and CD8 T lymphocytes as well as activated NK cells. IFN-gamma receptors are present in most immune cells, which respond to IFN-gamma signaling by increasing the surface expression of class I MHC proteins. This promotes the presentation of antigen to T-helper (CD4+) cells. IFN-gamma signaling in antigen-presenting cells and antigen-recognizing B and T lymphocytes regulate the antigen-specific phases of the immune response. Additionally, IFN-gamma stimulates a number of lymphoid cell functions including the anti-microbial and anti-tumor responses of macrophages, NK cells, and neutrophils. Murine IFN-gamma is a 15.6 kDa protein containing 134 amino acid residues.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-1 μ g/ml), ELISA (2-3 μ g/ml), and neutralization (0.2-1 μ g/ml). However, the optimal conditions should be determined individually.

NOTE: For research purpose only! Not to be used in human.

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- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
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- Mammalian Cell Extraction Kit
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