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Antigen-Affinity Purified Polyclonal Antibodies

Anti-human IFN-alpha

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

Host species:	Rabbits
Antigen:	Recombinant human IFN-alpha
Purification:	Affinity chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution: Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. **Avoid repeated freeze-thaw cycles.**

Applications

Neutralization: To yield one-half maximal inhibition [ND₅₀] of the biological activity of hIFN-alpha (1.00 ng/ml), a concentration of 0.015 - 0.025 ug/ml of this antibody is required.

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

ELISA: To detect human IFN-alpha by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 ug/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 human IFN-alpha.

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

Catalogue number: 102-P25G

Size: 100 µg

****Please note: always centrifuge product before opening vial.****