

## POLYCLONAL ANTIBODY TO HUMAN GAMMA INTERFERON



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<b>Catalog nr</b>	HP9019 (lot number and expiry date are indicated on the label)
<b>Description</b>	The antibody reacts with human gamma IFN (IFN-gamma) of both natural and recombinant origin. IFN-gamma is a pluripotent cytokine with important pro-inflammatory functions. The antibody inhibits the biological activity of natural and recombinant human IFN-gamma. The antigen specificity was further assessed by ELISA and Western blot. No cross reactivities with other cytokines have been detected.
<b>Species</b>	Rabbit IgG
<b>Formulation</b>	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
<b>Application</b>	The antibody is useful for neutralization of human IFN-gamma in bio-assays. Furthermore the antibodies can be used for Western blotting, immuno assays and to stain cells containing IFN-gamma in frozen sections as well as in cells cultured on cover slips.
<b>Use</b>	For immunohistology and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10. For neutralization of biological activity in vitro dilutions have to be made according to the amount of IFN-gamma to be inactivated. Before use in biological assays, the product must be filter sterilized and depending on the concentration to be used dialyzed against culture medium to remove the sodium azide added. Please inquire for availability of azide free solutions.
<b>Storage and stability</b>	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.
<b>Precautions</b>	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and Federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result with the use of or derivation of this product.
<b>Also available</b>	HM2003            Monoclonal antibody against Human IFN-gamma, clone F12 HM2004            Monoclonal antibody against Human IFN-gamma, clone F14 HM2013            Monoclonal antibody against Human IFN-alpha, clone IFNA2.3 HM2014            Monoclonal antibody against Human IFN-alpha, clone IFNA2.4