

Datasheet: AHP2977B

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| Description: | RABBIT ANTI DOG INTERFERON GAMMA:Biotin |
| Specificity: | IFN GAMMA |
| Format: | Biotin |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 50 µg |

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|------------------------|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin | | | ▪ | |
| ELISA | ▪ | | | 0.01 ug/ml - 0.2 ug/ml |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | | | ▪ | |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

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| Target Species | Dog |
| Product Form | Purified IgG conjugated to Biotin - liquid |

Antiserum Preparation Antisera to canine interferon gamma were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

| | |
|---------------------------------------|--|
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |

Immunogen Recombinant canine interferon gamma

External Database

Links

UniProt:

[P42161](#) [Related reagents](#)

Entrez Gene:

[403801](#) IFNG [Related reagents](#)

Specificity

Rabbit anti Dog interferon gamma antibody recognizes canine interferon gamma (IFN γ), a 21.4 kDa type II interferon belonging to, and being the only member of, the interferon type II family. IFN γ , produced by various cell types including T-cells and NK cells, is a cytokine involved in both innate and adaptive immunity. Canine IFN γ is predominantly secreted by activated T lymphocytes in response to viral infection and to infection by certain bacterial and protozoan pathogens.

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2977](#) as the capture reagent. Recombinant Dog interferon gamma ([PDP010](#)) may be used as a standard.

Storage

Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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