

## Datasheet: AHP2977B

**BATCH NUMBER 142804**

<b>Description:</b>	RABBIT ANTI DOG INTERFERON GAMMA:Biotin
<b>Specificity:</b>	IFN GAMMA
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Dog
<b>Product Form</b>	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.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

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**Immunogen** Recombinant canine interferon gamma

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## External Database Links

### UniProt:

[P42161](#)    [Related reagents](#)

### Entrez Gene:

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

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## Specificity

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

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## 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.

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## 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.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP2977B>  
10040

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## 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](https://www.bio-rad-antibodies.com/datasheets)

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