

Datasheet: AHP2977

**BATCH NUMBER 142803**

<b>Description:</b>	RABBIT ANTI DOG INTERFERON GAMMA
<b>Specificity:</b>	IFN GAMMA
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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	▪			0.5ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 2ug/ml

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.

### Target Species

Dog

### Product Form

Purified IgG - 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<sub>3</sub>)

### Approx. Protein

IgG concentration 1.0 mg/ml

## Concentrations

**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 $\gamma$ ), 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.

## ELISA

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2977B](#) as the detection 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: <https://www.bio-rad-antibodies.com/SDS/AHP2977>  
10040

## Regulatory

For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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