

Datasheet: AHP2977

Description:	RABBIT ANTI DOG INTERFERON GAMMA
Specificity:	IFN GAMMA
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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
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Product Form	Purified IgG - liquid
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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
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Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
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Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
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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 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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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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