

Datasheet: AHP2977B

BATCH NUMBER 170734

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.

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	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 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:
<https://www.bio-rad-antibodies.com/SDS/AHP2977B>

Regulatory

For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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