

## Datasheet: AHP2834B

**BATCH NUMBER 153937**

<b>Description:</b>	RABBIT ANTI CAT IFN 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
ELISA	▪			0.1 ug/ml - 0.5 ug/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

Cat

#### Species Cross Reactivity

Reacts with: Bovine, Dog, Horse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Purified IgG conjugated to Biotin - liquid

#### Antiserum Preparation

Antiserum to cat IFN gamma was raised by repeated immunization of rabbit 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

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**Immunogen** Recombinant cat IFN Gamma

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## External Database Links

**UniProt:**

[P46402](#)    [Related reagents](#)

**Entrez Gene:**

[493965](#) IFNG    [Related reagents](#)

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**Specificity** **Rabbit anti Cat IFN Gamma** recognizes cat interferon gamma (IFN gamma).

IFN gamma known previously as macrophage activating factor, belongs to the type II interferon family and is produced by activated T lymphocytes and NK cells.

IFN gamma is a multipotent cytokine, has a broad range of regulatory functions during virus induced host immune responses. IFN gamma promotes Th1-type immune responses in CD4+ and CD8+T cells and influences the differentiation of T cells ([Ochi et al. 2008](#)).

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**ELISA** This product may be used as a detection reagent in a sandwich ELISA together with [AHP2834](#) as the capture reagent. [PFP004](#) 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/AHP2834B>  
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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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