

Datasheet: AHP2836B

**BATCH NUMBER 172424**

<b>Description:</b>	GOAT ANTI GUINEA PIG TNF ALPHA:Biotin
<b>Specificity:</b>	TNF ALPHA
<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	▪			0.01 ug/ml - 0.2 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.

<b>Target Species</b>	Guinea Pig
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antiserum to guinea pig TNF alpha was raised by repeated immunization of goat 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 Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant guinea pig TNF ALPHA

**External Database  
Links**

**UniProt:**

[P51435](#)    [Related reagents](#)

**Entrez Gene:**

[100135630](#) Tnf [Related reagents](#)

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**Synonyms**

TNFA, TNFSF2

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**Specificity**

**Rabbit anti Guinea Pig TNF alpha** recognizes guinea pig tumor necrosis factor (TNF) alpha regulatory cytokine, also known as a TNFSF2.

TNF alpha is produced by activated macrophages, monocytes, endothelial cells, fibroblast and both T and B lymphocytes. TNF alpha functions in the regulation of immune cells, is able to induce fever, apoptotic cell death, sepsis, cachexia, inflammation and to inhibit tumorigenesis and viral replication.

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**ELISA**

This product may be used as a detection reagent in a sandwich ELISA together with [AHP2836](#) as the capture reagent.

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**Storage**

This product is shipped at ambient temperature.  
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/AHP2836B>

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**Regulatory**

For research purposes only

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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)  
'M446105:251017'

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