

## Datasheet: AHP2397B

<b>Description:</b>	RABBIT ANTI PIG TNF ALPHA:Biotin
<b>Specificity:</b>	TNF ALPHA
<b>Other names:</b>	TNFSF2
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.05ug/ml - 0.5ug/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.

<b>Target Species</b>	Pig
<b>Species Cross Reactivity</b>	Reacts with: Dog, Bovine, Dolphin, Cat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	Antisera to pig TNF alpha were raised by repeated immunisation of rabbits 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 pig tumor necrosis factor alpha (TNFα)

**External Database  
Links**

**UniProt:**

[P23563](#) [Related reagents](#)

**Entrez Gene:**

[397086](#) TNF [Related reagents](#)

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**Synonyms**

TNFA, TNFSF2

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**Specificity**

**Rabbit anti Pig TNF alpha antibody** recognizes porcine tumor necrosis factor alpha (TNF $\alpha$ ).

TNF $\alpha$  is produced by a range of cells including macrophages, monocytes, T and B cells, neutrophils and endothelial cells. TNF $\alpha$  has a key regulatory role in the porcine immune response where it is involved in modulating the expression of numerous cytokines, growth factors, inflammatory mediators and acute phase proteins.

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**ELISA**

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2397](#) as the capture reagent. Recombinant Pig TNF alpha ([PPP029](#)) 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:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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