

Datasheet: AHP2397B

Description:	RABBIT ANTI PIG TNF ALPHA:Biotin
Specificity:	TNF ALPHA
Other names:	TNFSF2
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	■			0.05ug/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.

Target Species	Pig
Species Cross Reactivity	Reacts with: Dog, Bovine, Dolphin, Cat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	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
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant pig tumor necrosis factor alpha (TNFα)

**External Database
Links**

UniProt:

[P23563](#)

[Related reagents](#)

Entrez Gene:

[397086](#)

TNF

[Related reagents](#)

Synonyms

TNFA, TNFSF2

Specificity

Rabbit anti Pig TNF alpha antibody recognizes porcine tumor necrosis factor alpha (TNFα).

TNFα is produced by a range of cells including macrophages, monocytes, T and B cells, neutrophils and endothelial cells. TNFα 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.

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.

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.

Shelf Life

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

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