

Datasheet: AHP2397B

BATCH NUMBER 169598

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	<p>Reacts with: Dog, Bovine, Dolphin, Cat</p> <p>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.</p>
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 (TNF α)
External Database Links	<p>UniProt: P23563 Related reagents</p> <p>Entrez Gene: 397086 TNF Related reagents</p>
Synonyms	TNFA, TNFSF2
Specificity	<p>Rabbit anti Pig TNF alpha antibody recognizes porcine tumor necrosis factor alpha (TNFα).</p> <p>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.</p>
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.
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/AHP2397B 10040
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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