

Datasheet: AHP2383B

Description:	RABBIT ANTI BOVINE 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	▪			0.05 ug/ml - 0.5 ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 ug/ml - 1.0 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	Bovine
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to bovine 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	Total protein concentration 1.0 mg/ml

Immunogen	Recombinant bovine tumour necrosis factor alpha (TNF- α)
External Database Links	<p>UniProt: Q06599 Related reagents</p> <p>Entrez Gene: 280943 TNF Related reagents</p>
Synonyms	TNFA, TNFSF2
Specificity	<p>Rabbit anti Bovine TNF alpha antibody recognizes bovine tumour necrosis factor alpha (TNF alpha).</p> <p>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 bovine 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 AHP2383 as the capture reagent. Recombinant bovine TNF-alpha (PBP035) may be used as a standard.
References	1. Rebollada-Merino, A. <i>et al.</i> (2023) Immunopathology of early and advanced epididymis lesions caused by <i>Brucella ovis</i> in rams. Vet Immunol Immunopathol. 261: 110621.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP2383B 10040</p>
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[RECOMBINANT BOVINE TNF ALPHA \(PBP035\)](#)
[RABBIT ANTI BOVINE TNF ALPHA \(AHP2383\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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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