

Datasheet: AHP2383B

BATCH NUMBER 139047

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	Total protein concentration 1.0 mg/ml

Concentrations

Immunogen Recombinant bovine tumour necrosis factor alpha (TNF- α)

External Database Links

UniProt:

[Q06599](#) [Related reagents](#)

Entrez Gene:

[280943](#) TNF [Related reagents](#)

Synonyms TNFA, TNFSF2

Specificity **Rabbit anti Bovine TNF alpha antibody** recognizes bovine tumour 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 bovine 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 [AHP2383](#) as the capture reagent. Recombinant bovine TNF-alpha ([PBP035](#)) may be used as a standard.

References 1. Rebollada-Merino, A. *et al.* (2023) Immunopathology of early and advanced epididymis lesions caused by *Brucella ovis* in rams. [Vet Immunol Immunopathol. 261: 110621.](#)

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/AHP2383B>
10040

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[RECOMBINANT BOVINE TNF ALPHA \(PBP035\)](#)

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

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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

'M361128:200210'

Printed on 19 Jan 2024

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