

## Datasheet: AHP2383

**BATCH NUMBER 154239**

<b>Description:</b>	RABBIT ANTI BOVINE TNF ALPHA
<b>Specificity:</b>	TNF ALPHA
<b>Other names:</b>	TNFSF2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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	▪			1.0 ug/ml - 10 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.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	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
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

## Concentrations

Immunogen	Recombinant bovine tumour necrosis factor alpha (TNF- $\alpha$ )
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## External Database Links

### UniProt:

[Q06599](#)

[Related reagents](#)

### Entrez Gene:

[280943](#)

TNF

[Related reagents](#)

Synonyms	TNFA, TNFSF2
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Specificity	<b>Rabbit anti Bovine TNF alpha antibody</b> recognizes bovine tumour necrosis factor alpha (TNF alpha).
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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 capture antibody in a sandwich ELISA together with <a href="#">AHP2383B</a> as the detection reagent. Recombinant bovine TNF-alpha ( <a href="#">PBP035</a> ) may be used as a standard.
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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. <a href="#">Vet Immunol Immunopathol. 261: 110621.</a>
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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: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2383">https://www.bio-rad-antibodies.com/SDS/AHP2383</a> 10040
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Regulatory	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

### Recommended Useful Reagents

[RECOMBINANT BOVINE TNF ALPHA \(PBP035\)](#)  
[RABBIT ANTI BOVINE TNF ALPHA:Biotin \(AHP2383B\)](#)

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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://bio-rad-antibodies.com/datasheets)  
'M361127:200210'

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