**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](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Protocol</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
<td>•</td>
<td></td>
<td>0.05 µg/ml - 0.5 µg/ml</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
<td>•</td>
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<td>0.1 µg/ml - 1.0 µg/ml</td>
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</tbody>
</table>

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 (NaN₃)

### Approx. Protein Concentrations

Total protein concentration 1.0 mg/ml

### Immunogen

Recombinant bovine tumour necrosis factor alpha (TNF-α)

### External Database Links

**UniProt:**

[Q06599](http://www.uniprot.org/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.

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


Regulatory  For research purposes only

Related Products

**Recommended Secondary Antibodies**

STREPTAVIDIN (STAR119...) **APC**

**Recommended Useful Reagents**

RECOMBINANT BOVINE TNF ALPHA (PBP035)
RABBIT ANTI BOVINE TNF ALPHA (AHP2383)