Datasheet: AHP2383

Description: RABBIT ANTI BOVINE TNF ALPHA
Specificity: TNF ALPHA
Other names: TNFSF2
Format: Purified
Product Type: Polyclonal Antibody
Isotype: Polyclonal IgG
Quantity: 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.

<table>
<thead>
<tr>
<th>Application</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>
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<td></td>
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<td>1.0 ug/ml - 10 ug/ml</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>0.1 ug/ml - 1.0 ug/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 - 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

IgG concentration 1.0 mg/ml

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 capture antibody in a sandwich ELISA together with AHP2383B as the detection 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

Health And Safety Information  Material Safety Datasheet Documentation #10040 available at:

Regulatory  For research purposes only

Related Products

Recommended Secondary Antibodies
- Sheep Anti Rabbit IgG (2AB02...)  Biotin
- Sheep Anti Rabbit IgG (STAR34...)  FITC
- Sheep Anti Rabbit IgG (STAR35...)  RPE
- Goat Anti Rabbit IgG (Fc) (STAR121...)  Biotin, FITC, HRP
- Goat Anti Rabbit IgG (H/L) (STAR124...)  HRP
- Sheep Anti Rabbit IgG (STAR36...)  DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800
- Sheep Anti Rabbit IgG (STAR54...)  HRP

Recommended Useful Reagents
- RECOMBINANT BOVINE TNF ALPHA (PBP035)
- RABBIT ANTI BOVINE TNF ALPHA: Biotin (AHP2383B)