Datasheet: AHP2373

Description: RABBIT ANTI BOVINE INTERLEUKIN-1 ALPHA

Specificity: IL-1 ALPHA

Format: Purified

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 0.1 mg

Product Details

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>Applications</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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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>1ug/ml - 5ug/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>0.1ug/ml - 2ug/ml</td>
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</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

Species Cross Reactivity

Does not react with: Dolphin, Rabbit
Reacts weakly with: Horse

N.B. Antibody reactivity and working conditions may vary between species.

Product Form: Purified IgG - liquid

Antiserum Preparation: Antisera to bovine interleukin-1alpha 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 interleukin-1 alpha
Rabbit anti Bovine interleukin-1 alpha antibody recognizes bovine interleukin-1 alpha (IL-1α), an 18.8 kDa pleiotropic pro-inflammatory cytokine belonging to the IL-1 superfamily. It is secreted by activated macrophages and monocytes and is involved in the modulation of a wide range of immune and inflammatory responses. IL-1α and the closely related IL-1β, are both involved in haematopoiesis and exhibit many identical immunomodulatory properties, binding to the same type I interleukin-1 receptor, also known as CD121a.

ELISA
This product may be used as a capture antibody in a sandwich ELISA together with AHP2373B as the detection reagent. Recombinant Bovine interleukin-1alpha (PBP031) 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

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 (STAR54...) HRP
Sheep Anti Rabbit IgG (STAR36...) DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800

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