Datasheet: AHP2370B

Description: GOAT ANTI BOVINE INTERFERON ALPHA A: Biotin

Specificity: IFN ALPHA A

Format: Biotin

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 50 µg

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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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>0.1µg/ml - 0.5µg/ml</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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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: Pig, Chicken, Dog, Horse

Product Form: Purified IgG conjugated to Biotin - liquid

Antiserum Preparation: Antisera to bovine interferon alpha A were raised by repeated immunisation of goats 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 IFNaA
**External Database Links**

<table>
<thead>
<tr>
<th>UniProt:</th>
<th>Related reagents</th>
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<tr>
<td>P05007</td>
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<tr>
<th>Entrez Gene:</th>
<th>Related reagents</th>
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<tr>
<td>515951</td>
<td>IFNAA</td>
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**Specificity**

Goat anti Bovine interferon alpha A antibody recognizes bovine interferon alpha A (IFNαA), a 21.4 kDa type I interferon belonging to the alpha/beta interferon family. IFNαA is produced by macrophages and involved in defence against viral infections.

**ELISA**

This product may be used as a detection antibody in a sandwich ELISA together with AHP2370 as the capture reagent. Recombinant Bovine interferon alpha A (PBP019) 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**

STREPTAVIDIN (STAR119...) APC

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