Datasheet: AHP2374B

**Description:** RABBIT ANTI BOVINE INTERLEUKIN-13:Biotin

**Specificity:** IL-13

**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](http://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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</thead>
<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>0.01 ug/ml - 0.5 ug/ml</td>
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<td>Immunoprecipitation</td>
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<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

**Species Cross Reactivity**

Reacts weakly with: Pig

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

**Product Form**

Purified IgG conjugated to Biotin - liquid

**Antiserum Preparation**

Antisera to bovine interleukin-13 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 interleukin-13
### Specificity

**Rabbit anti Bovine interleukin-13 antibody** recognizes bovine interleukin-13 (IL-13), a 14.7 kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells and also by mast cells and NK cells.

Bovine IL-13 is involved in the stimulation of B cell proliferation and antibody production, inhibition of the production of inflammatory cytokines and, combined with interleukin-2 (IL-2), regulation of interferonγ (IFNγ) synthesis.

### ELISA

This product may be used as a detection reagent in a sandwich ELISA together with AHP2374 as the capture reagent. Recombinant Bovine interleukin-13 (PBP018) 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**

#### Recommended Useful Reagents

RECOMBINANT BOVINE INTERLEUKIN-13 (PBP018)

RABBIT ANTI BOVINE INTERLEUKIN-13 (AHP2374)