Datasheet: AHP2375B

**Description:** GOAT ANTI BOVINE INTERLEUKIN-15:Biotin

**Specificity:** IL-15

**Format:** Biotin

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 50 µg

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## 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>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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<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 - 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

### Product Form

Purified IgG conjugated to Biotin - liquid

### Antiserum Preparation

Antisera to bovine interleukin-15 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 interleukin-15

### External Database Links

**UniProt:** [Q28028](http://example.com/q28028)  Related reagents
Entrez Gene: 281248  IL15  Related reagents

**Specificity**

Goat anti Bovine interleukin-15 antibody recognizes bovine interleukin-15 (IL-15), an 18.6 kDa immunomodulatory glycoprotein expressed by multiple tissues and cell types, which primarily stimulates T lymphocytes, but is also critical for the development and activation of natural killer (NK) cells.

IL-15 shares functional properties with IL-2 and binds with high affinity to the IL-15 receptor (IL-15R), consisting of the IL-15R alpha chain, and also the IL-2Rbeta and common gamma chains used by the IL-2 receptor.

**ELISA**

This product may be used as a detection antibody in a sandwich ELISA together with AHP2375 as the capture reagent. Recombinant Bovine interleukin-15 (PBP020) 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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