Datasheet: AHP2394

**Description:** GOAT ANTI PIG INTERLEUKIN-13

**Specificity:** IL-13

**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](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>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

Pig

#### Product Form

Purified IgG - liquid

#### Antiserum Preparation

Antisera to pig interleukin-13 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 pig interleukin-13

#### External Database Links

UniProt: [Q95J68](http://www.uniprot.org/)  [Related reagents](http://www.bio-rad-antibodies.com/related-reagents)
Entrez Gene:
396721  IL13  Related reagents

Specificity
Goat anti Pig interleukin-13 antibody recognizes porcine interleukin-13 (IL-13), a 14.45 kDa immunoregulatory cytokine produced primarily by activated T helper type 2 (Th2) cells and also by mast cells and NK cells.

Porcine 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 interferon gamma (IFNγ) synthesis.

ELISA
This product may be used as a capture antibody in a sandwich ELISA together with AHP2394B as the detection reagent. Recombinant Pig interleukin-13 (PPP026) 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.

Guarantee
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

Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP