**Description:** RABBIT ANTI BOVINE INTERLEUKIN-1F5:Biotin

**Specificity:** IL-1F5

**Format:** Biotin

**Product Type:** Polyclonal Antibody

**Isotype:** Polyclonal IgG

**Quantity:** 50 µg

### 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>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<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>0.05ug/ml - 0.5ug/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-1F5 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-1F5

**External Database Links:**

- UniProt: [Q0VC52](http://www.uniprot.org/uniprot/Q0VC52)
- Related reagents
**Specificity**

Rabbit anti Bovine interleukin-1F5 antibody recognizes bovine interleukin-1F5 (IL-1F5), also known as interleukin-36 receptor antagonist (IL-36RA), a 17.1 kDa protein belonging to the IL-36 subfamily/IL-1 family of cytokines. IL-1F5/IL-36RA appears to have an inflammatory function. Studies in mice and humans indicate that IL-36 cytokines are generally found in skin tissue and in these species IL-36RA appears to have a role in combating psoriasis (Tsutsui H. et al. 2015).

**ELISA**

This product may be used as a detection antibody in a sandwich ELISA together with AHP2377 as the capture reagent. Recombinant Bovine interleukin-1F5 (PBP029) may be used as a standard.

**Further Reading**


**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