## Datasheet: AHP2377

### Description:
RABBIT ANTI BOVINE INTERLEUKIN-1F5

### Specificity:
IL-1F5

### Format:
Purified

### Product Type:
Polyclonal Antibody

### Isotype:
Polyclonal IgG

### Quantity:
0.1 mg

## Product Details

### Applications

<table>
<thead>
<tr>
<th>Method</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</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>1ug/ml - 5ug/ml</td>
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<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>0.1ug/ml - 2ug/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

### Product Form
Purified IgG - 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
- 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 capture antibody in a sandwich ELISA together with **AHP2377B** as the detection 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**  
Material Safety Datasheet Documentation #10040 available at:  

**Regulatory**  
For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Sheep Anti Rabbit IgG (2A802...)  
  Biotin
- Sheep Anti Rabbit IgG (STAR34...)  
  FITC
- Sheep Anti Rabbit IgG (STAR35...)  
  RPE
- Goat Anti Rabbit IgG (Fc) (STAR121...)  
  Biotin, FITC, HRP
- Goat Anti Rabbit IgG (H/L) (STAR124...)  
  HRP
- Sheep Anti Rabbit IgG (STAR54...)  
  HRP
- Sheep Anti Rabbit IgG (STAR36...)  
  DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800

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