

## Datasheet: AHP2377

<b>Description:</b>	RABBIT ANTI BOVINE INTERLEUKIN-1F5
<b>Specificity:</b>	IL-1F5
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1ug/ml - 5ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1ug/ml - 2ug/ml

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.

<b>Target Species</b>	Bovine
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

**Immunogen** Recombinant bovine interleukin-1F5

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**External Database**

**Links**

**UniProt:**

[Q0VC52](#)

[Related reagents](#)

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**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](#)).

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**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.

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**Further Reading**

1. Tsutsui, H. *et al.* (2015) Interleukin-1 Family Cytokines in Liver Diseases. [Mediators Inflamm. Vol 2015, Article ID 630265](#)

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)

[FITC](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...)

[Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Goat Anti Rabbit IgG (H/L) (STAR124...)

[HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

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