

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

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.

	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.

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 (NaN ₃)
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	1. Tsutsui, H. <i>et al.</i> (2015) Interleukin-1 Family Cytokines in Liver Diseases. Mediators Inflamm. Vol 2015, Article ID 630265
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: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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