

Datasheet: AHP2377B

Description:	RABBIT ANTI BOVINE INTERLEUKIN-1F5:Biotin
Specificity:	IL-1F5
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

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	■			0.05ug/ml - 0.5ug/ml
Immunoprecipitation			■	
Western Blotting			■	

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 (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 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	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

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Printed on 02 May 2018