

Datasheet: AHP2379B

Description:	RABBIT ANTI BOVINE INTERLEUKIN-21:Biotin
Specificity:	IL-21
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

Species Cross Reactivity

Reacts with: Sheep

Does not react with: Chicken, Dog, Pig

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG conjugated to Biotin - liquid

Antiserum Preparation

Antisera to bovine interleukin-21 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-21
External Database Links	<p>UniProt: Q76LU5 Related reagents</p> <p>Entrez Gene: 378475 IL21 Related reagents</p>
Specificity	<p>Rabbit anti Bovine interleukin-21 antibody recognizes bovine interleukin-21 (IL-21), a 16.95 kDa cytokine belonging to the IL-15/IL-21 family.</p> <p>IL-21 is a cytokine with immunoregulatory activity. IL-21 stimulates B- and T-cell proliferation and increases the activity of NK cells and disease-specific cytotoxic T-cells. Interleukin-21 is believed to inhibit dendritic cell activation and maturation during the T-cell mediated immune response.</p>
ELISA	This product may be used as a detection antibody in a sandwich ELISA together with AHP2379 as the capture reagent. Recombinant bovine interleukin-21 (PBP028) may be used as a standard.
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	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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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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