

Datasheet: AHP2978B

Description:	RABBIT ANTI DOG 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	■			0.01ug/ml - 0.2ug/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	Dog
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to canine 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 canine interleukin-21
Specificity	Rabbit anti Dog interleukin-21 antibody recognizes canine interleukin-21 (IL-21), a 16.95 kDa cytokine belonging to the IL-15/IL-21 family.

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.

ELISA This product may be used as a detection antibody in a sandwich ELISA together with [AHP2978](#) as the capture reagent. Recombinant dog interleukin-21 ([PDP017](#)) may be used as a standard.

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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