

Datasheet: AHP2978

Description:	RABBIT ANTI DOG INTERLEUKIN-21
Specificity:	IL-21
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	■			0.5ug/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	Dog
Product Form	Purified IgG - 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 capture antibody in a sandwich ELISA together with AHP2978B as the detection 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

Related Products

Recommended Secondary Antibodies

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

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