

Datasheet: AHP2814B

Description:	RABBIT ANTI SHEEP INTERLEUKIN-13:Biotin
Specificity:	IL-13
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
ELISA	▪			0.05 ug/ml - 0.5 ug/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	Sheep
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antiserum to sheep interleukin-13 was raised by repeated immunization of rabbit 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 ovine IL-13
External Database Links	UniProt:

Specificity	Rabbit anti Sheep Interleukin-13 recognizes sheep interleukin-13 (IL-13), a 14.6 kDa regulatory cytokine. Sheep IL-13 is produced by activated T helper type 2 (Th2) cells and is implicated as a central mediator of the physiological changes induced by allergic inflammation. Increases in IL-13 play a role in allergen-induced airway hyperresponsiveness in sheep asthma.
ELISA	This product may be used as a detection reagent in a sandwich ELISA together with AHP2814 as the capture reagent. PSP006 may be used as a standard.
Storage	This product is shipped at ambient temperature. Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP2814B 10040
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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