

## Datasheet: AHP2814B

**BATCH NUMBER 153896**

<b>Description:</b>	RABBIT ANTI SHEEP INTERLEUKIN-13:Biotin
<b>Specificity:</b>	IL-13
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Sheep
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Recombinant ovine IL-13

**External Database  
Links**

**UniProt:**

[Q0PW91](#)

[Related reagents](#)

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**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.

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**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.

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**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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP2814B>  
10040

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**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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