

Datasheet: AHP2814

BATCH NUMBER 153895

Description:	RABBIT ANTI SHEEP INTERLEUKIN-13
Specificity:	IL-13
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
ELISA	▪			1.0 ug/ml - 5.0 ug/ml
Western Blotting	▪			0.1 ug/ml - 2.0 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 - 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 (NaN₃)

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Recombinant ovine IL-13

**External Database
Links**

UniProt:

[Q0PW91](#)

[Related reagents](#)

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 capture antibody in a sandwich ELISA together with [AHP2814B](#) as the detection reagent. [PSP006](#) 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.

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/AHP281410040>

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](#)

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