

Datasheet: AHP2992B

Description:	GOAT ANTI RABBIT INTERLEUKIN-8:Biotin
Specificity:	IL-8
Other names:	CXCL-8
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	▪			0.05ug/ml - 0.5ug/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	Rabbit
Species Cross Reactivity	Reacts with: Guinea Pig, Human N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG conjugated to Biotin - liquid
Antiserum Preparation	Antisera to rabbit interleukin-8 were raised by repeated immunisation of goats 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 rabbit interleukin-8

**External Database
Links**

UniProt:

[P19874](#) [Related reagents](#)

Entrez Gene:

[100009129](#) IL8 [Related reagents](#)

Synonyms

CXCL8

Specificity

Goat anti Rabbit interleukin-8 antibody recognizes rabbit interleukin-8 (IL-8), also known as CXCL-8. Rabbit IL-8 is an 11.4 kDa cytokine belonging to the chemokine C-X-C family.

Rabbit IL-8 is a chemotactic cytokine secreted by a range of cell types such as macrophages, endothelial cells and epithelial cells in response to inflammation. IL-8 induces chemotaxis of neutrophils and granulocytes to sites of infection.

ELISA

This product may be used as a detection antibody in a sandwich ELISA together with [AHP2992](#) as the capture reagent. Recombinant Rabbit interleukin-8 ([PRABP006](#)) 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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