

Datasheet: AHP2368B

**BATCH NUMBER 142791**

<b>Description:</b>	RABBIT ANTI BOVINE IP-10:Biotin
<b>Specificity:</b>	IP-10
<b>Other names:</b>	CXCL10
<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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.01ug/ml - 0.2ug/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.

<b>Target Species</b>	Bovine
<b>Species Cross Reactivity</b>	<p>Reacts with: Horse, Cat, Mouse, Sheep, Pig</p> <p>Does not react with: Dog, Rabbit</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid

**Antiserum Preparation** Antisera to bovine IP-10 (CXCL10) 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 <sub>3</sub> )
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant bovine IP-10 (CXCL10)
External Database Links	<b>UniProt:</b> <a href="#">Q2KIQ8</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b> <a href="#">615107</a> CXCL10 <a href="#">Related reagents</a>
Specificity	<b>Rabbit anti Bovine IP-10 antibody</b> recognizes bovine interferon gamma-inducible protein (IP-10), also known as CXCL10. IP-10 is expressed in a variety of tissues including liver, gut, spleen, kidney and thymus, in response to interferon gamma.  IP-10 acts as a chemoattractant for monocytes, NK cells and certain T-cells.
ELISA	This product may be used as a detection antibody in a sandwich ELISA together with <a href="#">AHP2368</a> as the capture reagent. Recombinant Bovine IP-10 ( <a href="#">PBP030</a> ) may be used as a standard.
Further Reading	1. Müller, M. <i>et al.</i> (2010) Review: The chemokine receptor CXCR3 and its ligands CXCL9, CXCL10 and CXCL11 in neuroimmunity--a tale of conflict and conundrum. <a href="#">Neuropathol Appl Neurobiol. 36: 368-87.</a>
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: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2368B">https://www.bio-rad-antibodies.com/SDS/AHP2368B</a> 10040
Regulatory	For research purposes only

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide** Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739  
Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe** Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50  
Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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