

Datasheet: AHP2368B

Description:	RABBIT ANTI BOVINE IP-10:Biotin
Specificity:	IP-10
Other names:	CXCL10
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	■			0.01ug/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.

Target Species	Bovine
Species Cross Reactivity	Reacts with: Horse, Cat, Mouse, Sheep, Pig Does not react with: Dog, Rabbit N.B. Antibody reactivity and working conditions may vary between species.
Product Form	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 ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen Recombinant bovine IP-10 (CXCL10)

**External Database
Links**

UniProt:

[Q2KIQ8](#) [Related reagents](#)

Entrez Gene:

[615107](#) CXCL10 [Related reagents](#)

Specificity

Rabbit anti Bovine IP-10 antibody 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 [AHP2368](#) as the capture reagent. Recombinant Bovine IP-10 ([PBP030](#)) may be used as a standard.

Further Reading

1. Müller, M. *et al.* (2010) Review: The chemokine receptor CXCR3 and its ligands CXCL9, CXCL10 and CXCL11 in neuroimmunity--a tale of conflict and conundrum. [Neuropathol Appl Neurobiol. 36: 368-87.](#)

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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'M282166:160225'

Printed on 01 May 2018

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