

Datasheet: AHP1864

BATCH NUMBER 150478

Description:	RABBIT ANTI HUMAN CXCL9
Specificity:	CXCL9
Other names:	MIG
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA	▪			0.5 - 2.0ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			0.1 - 0.2ug/ml
Functional Assays	▪			5.0 - 7.0ug/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.

(1)This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Product Form	Purified IgG - lyophilised
Reconstitution	<p>Reconstitute with 0.1ml distilled water</p> <p>Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution. For long term storage the addition of 0.09% sodium azide is recommended.</p>

Antiserum Preparation Antiserum to human CXCL9 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 None present

Carrier Free Yes

Approx. Protein Concentrations IgG concentration 1.0mg/ml after reconstitution

Immunogen Recombinant human CXCL9

External Database Links

UniProt:

[Q07325](#) [Related reagents](#)

Entrez Gene:

[4283](#) CXCL9 [Related reagents](#)

Synonyms CMK, MIG, SCYB9

RRID AB_2086883

Specificity **Rabbit anti Human CXCL9 polyclonal antinbody** recognizes human CXCL9, otherwise known as MIG (monokine induced by Interferon-gamma), a member of the CXC family of chemokine receptors, secreted by interferon stimulated monocytes, macrophages ([Muller et al. 2010](#)) and endothelial cells ([Loos et al. 2006](#)) CXCL9 signals through binding to [CD183](#) (CXCR3).

CXCL9 acts as a Th1 (type 1 helper T) cell chemoattractant, and plays a role in the growth, activation and movement of cells associated with [immune and inflammatory responses](#), and in tumour growth inhibition and angiogenesis ([Whiting et al. 2004](#)) . Studies have shown that CXCL9 is active against *E.coli*, *S.aureus*, *L.monocytogenes* ([Cole et al. 2001](#)) and *S.pyogenes* ([Egesten et al. 2007](#)).

References 1. Ciccia, F. et al. (2014) Macrophage phenotype in the subclinical gut inflammation of patients with ankylosing spondylitis. [Rheumatology \(Oxford\). 53 \(1\): 104-13.](#)

Storage Prior to reconstitution store at -20°C.
After reconstitution store at -20°C.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 6 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10162 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP1864>
10162

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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)
'M372509:200706'

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