

Datasheet: AHP2794Z

Description:	RABBIT ANTI HUMAN CXCL6:Preservative Free
Specificity:	CXCL6
Other names:	GCP-2
Format:	Preservative Free
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	▪			0.5 ug/ml - 2.0 ug/ml
Western Blotting	▪			0.1 ug/ml - 0.2 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	Human
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1 ml distilled water

Antiserum Preparation Produced from sera of rabbits immunized with recombinant human CXCL6 and purified by affinity chromatography

Buffer Solution Phosphate buffered saline

Preservative Stabilisers None present

Carrier Free Yes

Endotoxin Level < 0.1 ng/μg of protein (< 1 EU/μg)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	<i>E. coli</i> derived full length recombinant human CXCL6
External Database Links	<p>UniProt: P80162 Related reagents</p> <p>Entrez Gene: 6372 CXCL6 Related reagents</p>
Synonyms	GCP2, SCYB6
Specificity	<p>Mouse anti Human CXCL6 antibody, recognizes C-X-C motif chemokine 6 (CXCL6) also known as chemokine alpha 3, granulocyte chemotactic protein 2 and small inducible cytokine B6.</p> <p>CXCL6 is a member of the ELR⁺ CXC family of chemokines. It is a potent pro-inflammatory neutrophil chemoattractant which can elicit ultrastructural changes and activate pathways that define neutrophil phenotype and function (Mittal <i>et al.</i> 2008, Linge <i>et al.</i> 2008). It achieves this through the regulation of downstream pathways via its receptors CXCR1 and CXCR2 (Lui <i>et al.</i> 2019).</p>
Storage	<p>Prior to reconstitution store at -20°C. After reconstitution store at -20°C.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AHP2794Z 10294
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
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®680 , DyLight®800

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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