

## Datasheet: AHP2794Z

<b>Description:</b>	RABBIT ANTI HUMAN CXCL6:Preservative Free
<b>Specificity:</b>	CXCL6
<b>Other names:</b>	GCP-2
<b>Format:</b>	Preservative Free
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.1 ml distilled water
<b>Antiserum Preparation</b>	Produced from sera of rabbits immunized with recombinant human CXCL6 and purified by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Endotoxin Level</b>	< 0.1 ng/μg of protein (< 1 EU/μg)

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml after reconstitution
<b>Immunogen</b>	<i>E. coli</i> derived full length recombinant human CXCL6
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P80162</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">6372</a>    CXCL6    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	GCP2, SCYB6
<b>Specificity</b>	<p><b>Mouse anti Human CXCL6 antibody</b>, 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<sup>+</sup> 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 (<a href="#">Mittal <i>et al.</i> 2008</a>, <a href="#">Linge <i>et al.</i> 2008</a>). It achieves this through the regulation of downstream pathways via its receptors CXCR1 and CXCR2 (<a href="#">Lui <i>et al.</i> 2019</a>).</p>
<b>Storage</b>	<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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10294 available at: 10294: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10294.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10294.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	<a href="#">FITC</a>
Goat Anti Rabbit IgG (H/L) (STAR124...)	<a href="#">HRP</a>
Goat Anti Rabbit IgG (Fc) (STAR121...)	<a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Sheep Anti Rabbit IgG (STAR35...)	<a href="#">RPE</a>
Sheep Anti Rabbit IgG (STAR36...)	<a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a>

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)

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