

## Datasheet: AHP2811Z

<b>Description:</b>	RABBIT ANTI MOUSE CCL11:Preservative Free
<b>Specificity:</b>	CCL11
<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>	Mouse
<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 mouse CCL11 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</b>	IgG concentration 1.0 mg/ml after reconstitution

## Concentrations

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**Immunogen** *E. coli* derived recombinant mouse CCL11

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## External Database Links

**UniProt:**

[P48298](#)   [Related reagents](#)

**Entrez Gene:**

[20292](#) Ccl11   [Related reagents](#)

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**Synonyms** Scya11

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## Specificity

**Rabbit anti Mouse CCL11 antibody**, recognizes C-C motif chemokine 11 (CCL11), also known as eotaxin, eosinophil chemotactic protein and small inducible cytokine A11. CCL11 is produced by a range of cell types including epithelial cells, fibroblasts, smooth muscle cells, astrocytes, chondrocytes and tissue resident macrophages. Additionally, in the central nervous system, it is expressed by choroid plexus epithelial cells, pericytes, and microglia under inflammatory conditions ([Teixeira et al. 2018](#)).

CCL11 acts as a chemoattractant for eosinophil recruitment to inflammatory sites, including during asthma attacks ([Wen & Rothenberg 2016](#)). Upon binding of CCL11 to its receptor CCR3, a series of signaling events are triggered which can result in calcium mobilization, CD11b upregulation, MAPK activation and actin polymerization. It can also result in a rapid change of shape associated with chemotaxis and granule release ([Conroy & Williams 2001](#)).

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## 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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10294 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2811Z>  
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**Regulatory** For research purposes only

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## 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** Tel: +1 800 265 7376

**America** 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)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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