Datasheet: AHP2811Z

BATCH NUMBER 156485

Description:	RABBIT ANTI MOUSE CCL11:Preservative Free
Specificity:	CCL11
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	Mouse
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.1 ml distilled water
Antiserum Preparation	Produced from sera of rabbits immunized with recombinant mouse CCL11 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	*E. coli* derived recombinant mouse CCL11
External Database Links	**UniProt:** P48298 Related reagents **Entrez Gene:** 20292 Ccl11 Related reagents
Synonyms	Scya11
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).
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	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10294 available at: https://www.bio-rad-antibodies.com/SDS/AHP2811Z 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

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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

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Printed on 25 Mar 2023