

Datasheet: MCA6337Z

Description:	MOUSE ANTI HUMAN CCL11:Preservative Free
Specificity:	CCL11
Other names:	Eotaxin
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	1.3_17H09-02C06
Isotype:	IgG1
Quantity:	0.5 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	▪			
ELISA	▪			2.0 ug/ml - 1.0 ug/ml
Western Blotting	▪			0.25 ug/ml - 0.5 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 0.5 ml distilled water
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes

Endotoxin Level	< 1 EU/μg
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml after reconstitution
Immunogen	<i>E. coli</i> derived recombinant human CCL11
External Database Links	<p>UniProt: P51671 Related reagents</p> <p>Entrez Gene: 6356 CCL11 Related reagents</p>
Synonyms	SCYA11
Specificity	<p>Mouse anti Human CCL11 antibody, clone 1.3_17H09-02C06, 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).</p> <p>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).</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/MCA6337Z 10294
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP
Goat Anti Mouse IgG (STAR70...)	FITC

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M386539:210527'

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