

## Datasheet: MCA6185B

<b>Description:</b>	MOUSE ANTI HUMAN CCL27:Biotin
<b>Specificity:</b>	CCL27
<b>Other names:</b>	CTACK
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	B05-10H9
<b>Isotype:</b>	IgG1
<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	▪			1.0 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 conjugated to Biotin - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml
<b>Immunogen</b>	<i>E. coli</i> derived recombinant human full length CCL27 (Phe25-Gly112)

**External Database  
Links**

**UniProt:**

[Q9Y4X3](#)   [Related reagents](#)

**Entrez Gene:**

[10850](#)   CCL27   [Related reagents](#)

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**Synonyms**

ILC, SCYA27

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**Fusion Partners**

Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0

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**Specificity**

**Mouse anti Human CCL27 antibody, clone B05-10H9** recognizes C-C motif chemokine 27, also known as CTACK, ESkinE, ILC, and SCYA27. CCL27 is a C-C motif chemokine. CCR10 is the only known receptor for CCL27, and is expressed in normal skin ([Mao et al. 2018](#)). CCL27 is able to attract a subset of memory / effector T cells from peripheral blood to specific locations on the skin ([Wang et al. 2018](#)). CCL27 plays a role in T cell mediated skin inflammation, and high levels have been found in patients with psoriasis and atopic dermatitis. Upregulation of CCL27 has been identified in patients with myeloma, and is correlated with poor overall survival ([Thangavadivel et al. 2016](#)). CCL27 is secreted by primary tumor cells with high metastatic potential and is able to attract lymphatic endothelial cells, a crucial process during lymphangiogenesis ([Karnezis et al. 2019](#)).

This biotinylated Mouse anti Human CCL27 antibody, clone B05-10H9 (MCA6185B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CCL27 antibody, clone A01-2H4 ([MCA6184GA](#)) as the capture antibody.

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**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**

12 months from date of despatch

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10041 available at:  
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Useful Reagents

[MOUSE ANTI HUMAN CCL27 \(MCA6184GA\)](#)

**North & South  
America**

Tel: +1 800 265 7376

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)  
'M384486:210513'

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