

Datasheet: MCA6185B

Description:	MOUSE ANTI HUMAN CCL27:Biotin
Specificity:	CCL27
Other names:	CTACK
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	B05-10H9
Isotype:	IgG1
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	▪			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.

Target Species	Human
Product Form	Purified IgG conjugated to Biotin - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	<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](#)

Synonyms

ILC, SCYA27

Fusion Partners

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

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.

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.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6185B>
10041

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

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

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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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