

Product datasheet

Anti-MIP-3 beta/CCL19 antibody [EPR7044(2)] α b192877

Recombinant **RabMAb**

[1 References](#) [3 Images](#)

Overview

Product name	Anti-MIP-3 beta/CCL19 antibody [EPR7044(2)]
Description	Rabbit monoclonal [EPR7044(2)] to MIP-3 beta/CCL19
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt (Intra)
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	A549 cells; Human MIP-3 beta/CCL19 recombinant protein (aa22-98).
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7044(2)
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab192877 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/10000 - 1/50000. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).
Flow Cyt (Intra)		1/170. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function

May play a role not only in inflammatory and immunological responses but also in normal lymphocyte recirculation and homing. May play an important role in trafficking of T-cells in thymus, and T-cell and B-cell migration to secondary lymphoid organs. Specifically binds to chemokine receptor CCR7. Recombinant CCL19 shows potent chemotactic activity for T-cells and B-cells but not for granulocytes and monocytes.

Tissue specificity

Expressed at high levels in the lymph nodes, thymus and appendix. Intermediate levels seen in colon and trachea, while low levels found in spleen, small intestine, lung, kidney and stomach.

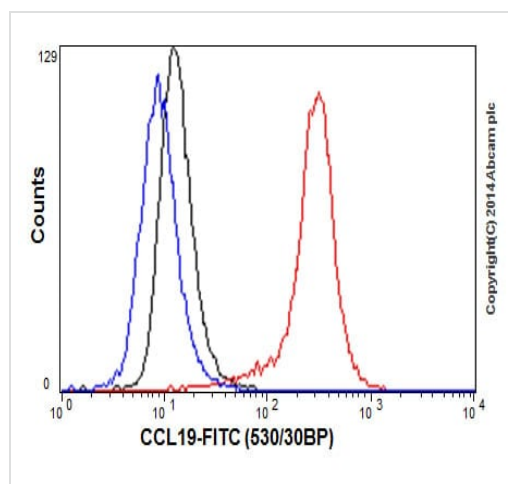
Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

Cellular localization

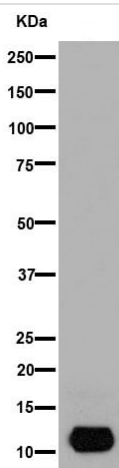
Secreted.

Images



Flow Cytometry (Intracellular) - Anti-MIP-3
beta/CCL19 antibody [EPR7044(2)] (ab192877)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed A549 cells labeling MIP-3 beta/CCL19 with ab192877 at 1/170 dilution (red) compared with a rabbit monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.



Western blot - Anti-MIP-3 beta/CCL19 antibody [EPR7044(2)] (ab192877)

Anti-MIP-3 beta/CCL19 antibody [EPR7044(2)] (ab192877) at 1/20000 dilution + Human MIP-3 beta/CCL19 recombinant protein (aa22-98) at 10 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

Blocking/Dilution buffer: 5% NFDM /TBST.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-MIP-3 beta/CCL19 antibody [EPR7044(2)] (ab192877)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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