

Anti-CCL19 Antibody

Catalog # AP54050

Specification

Anti-CCL19 Antibody - Product Information

Application WB, IHC
Primary Accession O99731
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 10993

Anti-CCL19 Antibody - Additional Information

Gene ID 6363

Other Names

ELC; MIP3B; SCYA19; C-C motif chemokine 19; Beta-chemokine exodus-3; CK beta-11; Epstein-Barr virus-induced molecule 1 ligand chemokine; EBI1 ligand chemokine; ELC; Macrophage inflammatory protein 3 beta; MIP-3-beta; Small-inducible cytokine A19

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCL19. The exact sequence is proprietary.

Dilution

WB~~1/500 - 1/1000 IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CCL19 Antibody - Protein Information

Name CCL19

Synonyms ELC, MIP3B, SCYA19

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. Binds to chemokine receptor CCR7. Recombinant CCL19 shows potent chemotactic activity for T-cells and B-cells but not for granulocytes and monocytes. Binds to atypical chemokine receptor ACKR4 and mediates



the recruitment of beta- arrestin (ARRB1/2) to ACKR4.

Cellular Location Secreted.

Tissue Location

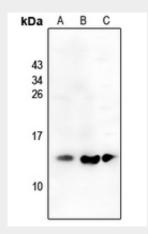
Expressed at high levels in the lymph nodes, thymus and appendix. Intermediate levels seen in colon and trachea, while low levels found in spleen, small intestine, lung, kidney and stomach

Anti-CCL19 Antibody - Protocols

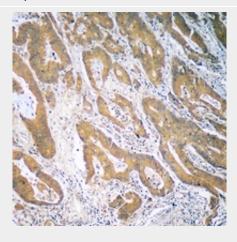
Provided below are standard protocols that you may find useful for product applications.

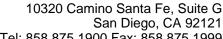
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-CCL19 Antibody - Images



Western blot analysis of CCL19 expression in LOVO (A), HCT116 (B), K562 (C) whole cell lysates.







Tel: 858.875.1900 Fax: 858.875.1999

Immunohistochemical analysis of CCL19 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Anti-CCL19 Antibody - Background

Rabbit polyclonal antibody to CCL19