

Product datasheet

Anti-CCL21 antibody ab231116

4 Images

Overview

Product name	Anti-CCL21 antibody
Description	Rabbit polyclonal to CCL21
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rhesus monkey 
Immunogen	Recombinant full length protein (His-tag) corresponding to Human CCL21 aa 24-134 (N terminal). Mature chain lacking the signal peptide. (Expressed in E.coli). Sequence: SDGGAQDCCLKYSQRKIPAKVVRSYRKQEPSLGCSIP AILFLPRKRSQAE LCADPKELWVQQLMQHLDKTPSPQKPAQGCRKDRG ASKTGKKGKGSKGCK RTERSQTPKGP Database link: O00585  Run BLAST with  Run BLAST with
Positive control	WB: Recombinant human CCL21 protein; Mouse spleen lysate; Human lung lysate. IHC-P: Human lymph node tissue.

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	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	Followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231116** in the following tested applications.

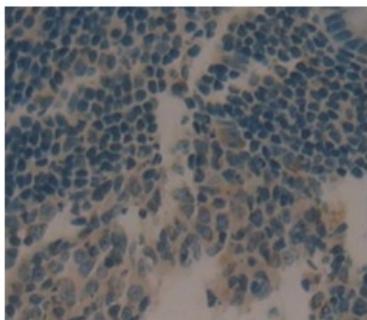
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 15 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

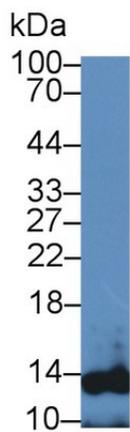
Function	Inhibits hemopoiesis and stimulates chemotaxis. Chemotactic in vitro for thymocytes and activated T-cells, but not for B-cells, macrophages, or neutrophils. Shows preferential activity towards naive T-cells. May play a role in mediating homing of lymphocytes to secondary lymphoid organs.
Tissue specificity	Highly expressed in high endothelial venules of lymph nodes, spleen and appendix. Intermediate levels found in small intestine, thyroid gland and trachea. Low level expression in thymus, bone marrow, liver, and pancreas. Also found in tonsil, fetal heart and fetal spleen.
Sequence similarities	Belongs to the intercrine beta (chemokine CC) family.
Cellular localization	Secreted.

Images



DAB stained, formalin-fixed paraffin-embedded human lymph node tissue stained for CCL21 using ab231116 at 20 µg/mL in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCL21 antibody (ab231116)

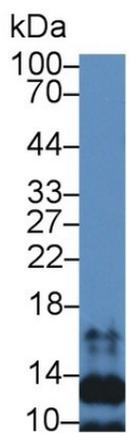


Western blot - Anti-CCL21 antibody (ab231116)

Anti-CCL21 antibody (ab231116) at 2 μ g/ml + Human lung lysate

Developed using the ECL technique.

Predicted band size: 15 kDa

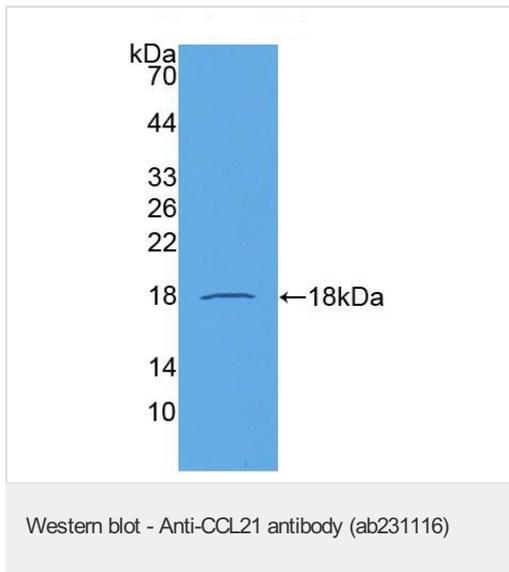


Western blot - Anti-CCL21 antibody (ab231116)

Anti-CCL21 antibody (ab231116) at 2 μ g/ml + Mouse spleen lysate

Developed using the ECL technique.

Predicted band size: 15 kDa



Anti-CCL21 antibody (ab231116) at 2 µg/ml + Recombinant human CCL21 protein

Developed using the ECL technique.

Predicted band size: 15 kDa

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