

Datasheet for ABIN7600808
anti-Ccl21a antibody (AA 24-133)



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Overview

Quantity:	100 µg
Target:	Ccl21a (CCL21A)
Binding Specificity:	AA 24-133
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ccl21a antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-Ccl21a Antibody
Immunogen:	E.coli-derived mouse Ccl21a recombinant protein (Position: S24-G133).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-Ccl21a Antibody Picoband® catalog # A33349. Tested in ELISA, IHC applications. This antibody reacts with Mouse, Rat.
Purification:	Immunogen affinity purified.

Target Details

Target:	Ccl21a (CCL21A)
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Target Details

Alternative Name:	Ccl21a (CCL21A Products)
Background:	<p>Synonyms: NADH-ubiquinone oxidoreductase chain 2, NADH dehydrogenase subunit 2, Mtnd2, mt-Nd2, Nd2</p> <p>Tissue Specificity: Ubiquitously expressed.</p> <p>Background: This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. Similar to other chemokines the protein encoded by this gene inhibits hemopoiesis and stimulates chemotaxis. This protein is chemotactic in vitro for thymocytes and activated T cells, but not for B cells, macrophages, or neutrophils. The cytokine encoded by this gene may also play a role in mediating homing of lymphocytes to secondary lymphoid organs. It is a high affinity functional ligand for chemokine receptor 7 that is expressed on T and B lymphocytes and a known receptor for another member of the cytokine family (small inducible cytokine A19).</p>
Molecular Weight:	14 kDa
Gene ID:	18829
UniProt:	P84444

Application Details

Application Notes:	<p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Dijkstra, I. M., Hulshof, S., van der Valk, P., Boddeke, H. W. G. M., Biber, K. Cutting edge: activity of human adult microglia in response to CC chemokine ligand 21. J. Immun. 172: 2744-2747, 2004. 2. Harhausen, D., Prinz, V., Ziegler, G., Gertz, K., Endres, M., Lehrach, H., Gasque, P., Botto, M., Stahel, P. F., Dirnagl, U., Nietfeld, W., Trendelenburg, G. CD93/AA4.1: a novel regulator of inflammation in murine focal cerebral ischemia. J. Immun. 184: 6407-6417, 2010. 3. Hedrick, J. A., Zlotnik, A. Identification and characterization of a novel beta chemokine containing six conserved cysteines. J. Immun. 159: 1589-1593, 1997.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.