

Anti-CCL21 Rabbit Monoclonal Antibody

Catalog # ABO15908

Product Information

Application	WB
Primary Accession	O00585
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-CCL21 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Additional Information

Gene ID	6366
Other Names	C-C motif chemokine 21, 6Ckine, Beta-chemokine exodus-2, Secondary lymphoid-tissue chemokine, SLC, Small-inducible cytokine A21, CCL21, SCYA21
Calculated MW	14646
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 24C85
Immunogen	A synthesized peptide derived from human CCL21
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CCL21
Synonyms	SCYA21
Function	Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4 (PubMed: 23341447). Binds to chemokine receptor CCR7 (PubMed: 9507024). Does not bind to chemokine receptor

CXCR3 (PubMed:[10201891](#)). Binds to G protein-coupled receptor GPR174 (By similarity). 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.

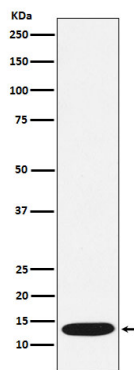
Cellular Location

Secreted.

Tissue Location

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

Images



Western blot analysis of CCL21 expression in Human CCL21 recombinant protein lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.