

Datasheet for ABIN115921 **anti-Ccl21a antibody**

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Overview

Quantity:	50 µg
Target:	Ccl21a (CCL21A)
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ccl21a antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Functional Studies (Func)

Product Details

Immunogen:	Highly pure (>98%) recombinant Mouse Exodus-2.
Specificity:	This antibody recognises Murine Exodus-2.
Purification:	Affinity chromatography.

Target Details

Target:	Ccl21a (CCL21A)
Alternative Name:	6Ckine / CCL21a (CCL21A Products)
Background:	<p>Exodus 2 is one of several CC cytokine genes clustered on the p arm of chromosome 9.</p> <p>Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterised 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</p>

Target Details

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 (CCR7) that is expressed on T and B lymphocytes and a known receptor for another member of the cytokine family (small inducible cytokine A19).Synonyms: Beta chemokine exodus-2, C-C motif chemokine 21a, Scya21a, Small-inducible cytokine A21a, TCA-4, TCA4, Thymus-derived chemotactic agent 4

Gene ID: 100039131

NCBI Accession: [NP_035465](#)

UniProt: [P84443](#)

Application Details

Application Notes: Neutralisation: To yield one-half maximal inhibition [ND50] of the biological activity of mExodus-2 (100.0 ng/mL), a concentration of 9.0-10.0 µg/mL of this antibody is required. ELISA: To detect mExodus-2 by direct ELISA (using 100 l/well antibody solution) a concentration of at least 0.5 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant mExodus-2. Western blot: To detect mExodus-2 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant mExodus-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Other applications not tested.

Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore in sterile water to a concentration of 0.1-1.0 mg/mL.

Buffer: PBS, pH 7.2 without preservatives.

Preservative: Without preservative

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody prior to reconstitution at -20 °C. Following reconstitution the antibody can be stored at 2-8 °C for one month or at -20 °C for longer.