

Product datasheet for **PP1005P1**

Exodus 2 (CCL21) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human Exodus-2 (100.0 ng/ml), a concentration of 6.0-8.0 µg/ml of this antibody is required. Indirect ELISA: To detect Human Exodus-2 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant Human Exodus-2. Sandwich ELISA: To detect Human Exodus-2 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human Exodus-2 (PP1005B1 or PP1005B2) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Human Exodus-2. Western Blot: To detect Human Exodus-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 Human Exodus-2 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) 12.2 kDa E.coli derived recombinant Human Exodus-2.
Specificity:	This antibody recognizes Human Exodus-2.
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography.
Conjugation:	Unconjugated



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Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine ligand 21
Database Link:	Entrez Gene 6366 Human O00585
Background:	Exodus 2 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 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 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:	Small-inducible cytokine A21, Beta chemokine Exodus-2, SCYA21, CCL-21, SLC
Note:	Centrifuge vial prior to opening!