



Anti-Mouse C-10

20150223ML



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

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| Cat.-no.: | 103-P01 |
| Size: | 100 µg |
| Lot. No.: | According to product label |

Preparation: Produced from sera of rabbits pre-immunized with highly pure (98%) recombinant murine C-10. Anti-murine specific antibody was purified by affinity chromatography employing immobilized murine C-10 matrix.

Target Background

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| Synonyms (Target): | Grc10; PME; ULD; CST6; EPM1; STFB; EPM1A |
|---------------------------|--|

Murine C10 belongs to the CC chemokine family and is expressed in myelopoietic bone marrow cultures when stimulated with GM-CSF, M-CSF, IL-3 or IL-4. It signals primarily through the CCR1 receptor. C10 is chemotactic for B cells, CD4⁺ T cells, monocytes and NK cells and also exhibits powerful suppressive activity on colony formation by different lineages of hematopoietic progenitors. The C10 contains the four highly conserved cysteine residues present in CC chemokines. The mature protein contains 95 amino acid residues. Recomb

Database References Target

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| Protein RefSeq: | NP_038563.1 |
| Uniprot ID: | O35127 |
| mRNA RefSeq: | NM_013535.1 |

Product Specifications

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| Species reactivity | Mouse |
| Clone/Ab feature | Rabbit IgG |
| Cross reactivity | Mouse |
| Host | Rabbit |
| Clonality | Polyclonal Antibody |
| Purification | Antigen-affinity purified |
| Immunogen | E.coli derived Recombinant Murine C10 (CCL6) |
| Formulation | lyophilized from PBS |
| Reconstitution buffer | water |

Reconstitution: Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

ELISA: To detect murine C-10 by direct ELISA (using 100 µg/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody in conjugation with compatible secondary reagents allows the detection of 0.2-0.4 ng/well of recombinant murine C-10.

Western Blot: To detect murine C-10 by Western-Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjugation with compatible secondary reagents the detection limit for recombinant murine C-10 is 1.5-3.0 ng/lane under either reducing or non-reducing conditions.

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!