

ARG10026
anti-CCL3 / MIP1 alpha antibody [199]Package: 100 µg
Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [199] recognizes CCL3 / MIP1 alpha |
| Tested Reactivity | Hu |
| Tested Application | ELISA |
| Specificity | Does not show any cross reaction with other human cytokines or growth factors tested such as M-CSF, GM-CSF, IL-7, IL-8, IL-16, IL-1β, bFGF, TGF-β, EGF, TNF-α and EPO. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 199 |
| Isotype | IgG2a, kappa |
| Target Name | CCL3 / MIP1 alpha |
| Antigen Species | Human |
| Immunogen | Purified recombinant human MIP-1α |
| Conjugation | Un-conjugated |
| Alternate Names | MIP-1-alpha; SIS-beta; PAT 464.1; Tonsillar lymphocyte LD78 alpha protein; G0/G1 switch regulatory protein 19-1; Small-inducible cytokine A3; C-C motif chemokine 3; LD78-alpha; 4-69; Macrophage inflammatory protein 1-alpha; MIP1A; SCYA3; G0S19-1; LD78ALPHA |

Application Instructions

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| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |
| Calculated Mw | 10 kDa |

Properties

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| Form | Liquid |
| Purification | Protein G affinity purified |
| Buffer | 0.01M PBS (pH 7.2) |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Database links | GeneID: 6348 Human Swiss-port # P10147 Human |
| Gene Symbol | CCL3 |
| Gene Full Name | chemokine (C-C motif) ligand 3 |
| Background | This locus represents a small inducible cytokine. The encoded protein, also known as macrophage inflammatory protein 1 alpha, plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. Polymorphisms at this locus may be associated with both resistance and susceptibility to infection by human immunodeficiency virus type 1.[provided by RefSeq, Sep 2010] |
| Function | Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). [UniProt] |
| Research Area | Immune System antibody |