

Anti-CCL3/Macrophage Inflammatory Protein 1 alpha Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9571-Fluoro647

About CCL3

Macrophage inflammatory protein-1 alpha (MIP-1 alpha), also called CCL3, LD78. The cDNA for CCL3 predicts a mature peptide of 69 amino acids with a molecular mass of 7,889 daltons. CCL3 is a member of a newly identified superfamily of small inducible proteins involved in inflammatory responses, wound healing and tumorigenesis. CCL3 is a chemokine that has pro-inflammatory and stem cell inhibitory activities in vitro. It constitutes an important second signal for mast cell degranulation in the conjunctiva in vivo and consequently for acute-phase disease.

Overview

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| Product Name | Anti-CCL3/Macrophage Inflammatory Protein 1 alpha Antibody Picoband® Fluoro647 Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P10147 |

Technical Details

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| Immunogen | E. coli-derived human CCL3 recombinant protein (Position: S24-A92). Human CCL3 shares 75.8% and 77.3% amino acid (aa) sequence identity with mouse and rat CCL3, respectively. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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