

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

Catalog Number: PB9571-HRP

### 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

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

### Technical Details

|                     |  |
|---------------------|--|
| 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           | HRP  |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements.   |

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