

## Datasheet for ABIN116141 **anti-CCL8 antibody (Biotin)**

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### Overview

|              |                                                 |
|--------------|-------------------------------------------------|
| Quantity:    | 25 µg                                           |
| Target:      | CCL8                                            |
| Reactivity:  | Human                                           |
| Host:        | Rabbit                                          |
| Clonality:   | Polyclonal                                      |
| Conjugate:   | This CCL8 antibody is conjugated to Biotin      |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

### Product Details

|               |                                                      |
|---------------|------------------------------------------------------|
| Immunogen:    | Highly pure (>98%) recombinant hMCP-2 (human MCP-2). |
| Specificity:  | Human Macrophage Chemotactic Protein-2 (MCP-2).      |
| Purification: | Affinity chromatography.                             |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CCL8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | MCP2 / CCL8 ( <a href="#">CCL8 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Background:       | MCP 2 (Monocyte Chemoattractant Protein 2) is a chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. MCP 2 is important to inflammatory host responses, and is found in the highest concentration in the small intestine and peripheral blood cells. This protein is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. By recruiting leukocytes to |

## Target Details

sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. Synonyms: C-C motif chemokine 8, CCL-8, HC14, MCP-2, Monocyte Chemotactic Protein-2, Monocyte chemoattractant protein 2, SCYA10, SCYA8, Small-inducible cytokine A8

Gene ID: 6355

NCBI Accession: [NP\\_005614](#)

UniProt: [P80075](#)

## Application Details

**Application Notes:** ELISA: To detect hMCP-2 by direct ELISA (using 100 l/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hMCP-2. Western Blot: To detect hMCP-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 hMCP-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

**Reconstitution:** Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL.

**Buffer:** PBS, pH 7.2 without preservatives.

**Preservative:** Without preservative

**Handling Advice:** Avoid repeated freezing and thawing. Centrifuge vial prior to opening!

**Storage:** -20 °C

**Storage Comment:** Store the antibody in aliquots at -20 °C.