

Datasheet for ABIN181573 **anti-CCL8 antibody (Biotin)**



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CCL8
Reactivity:	Mouse
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 mouse MCP-2
Specificity:	This antibody detects Macrophage Chemotactic Protein-2.
Purification:	Affinity chromatography

Target Details

Target:	CCL8
Alternative Name:	MCP2 / CCL8 (CCL8 Products)
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: 100503254

NCBI Accession: [NP_067418](#)

UniProt: [Q9Z121](#)

Application Details

Application Notes:

ELISA: Direct: To detect mMCP-2 by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant mMCP-2.

Sandwich: To detect mMCP-2 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25 - 1.0 µg/mL of this antibody is required. In conjunction with Polyclonal Anti-Murine MCP-2 as a capture antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant mMCP-2.

Western Blot: To detect mMCP-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 mMCP-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: Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/mL.

Buffer: PBS, pH 7.2

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C.

Expiry Date: 6 months