



# Rabbit Anti-Human MCP-1/CCL2 monoclonal antibody, clone S234 (CABT-ZB696)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	It reacts with Human MCP-1/CCL2
<b>Target</b>	CCL2
<b>Immunogen</b>	Recombinant Human MCP-1/CCL2 Protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	S234
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB696 - CABT-ZB1024 This antibody will detect MCP-1/CCL2 in antibody pair set. [ABPR-ZB275]
<b>Preparation</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Human MCP-1/CCL2.
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	50 µL, 100 µL, 1 mL

<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

**Introduction** Monocyte chemoattractant protein 1 (MCP-1), also called CCL2, belongs to a group of CC chemokines located in chromosome 17q11.2. MCP-1 protein interacts with chemokine C-C motif receptor 2 (CCR2) to activate and recruit monocytes, macrophages, CD4+ T cells and immature dendritic cells to the site of infection. The presence of MCP-1 protein in an adequate concentration is important for granuloma formation and M. tuberculosis clearance.

**Keywords** CCL2; chemokine (C-C motif) ligand 2; HC11; MCAF

## GENE INFORMATION

**Synonyms** CCL2; chemokine (C-C motif) ligand 2; HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30; C-C motif chemokine 2; small-inducible cytokine A2; monocyte secretory protein JE; monocyte chemotactic protein 1; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic and activating factor; small inducible cytokine subfamily A (Cys-Cys); member 2; small inducible cytokine A2 (monocyte chemotactic protein 1; homologous to mouse Sig-je); anti-MCP-1

**Entrez Gene ID** [6347](#)

**UniProt ID** [P13500](#)