

Anti-CCL2/MCP-1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

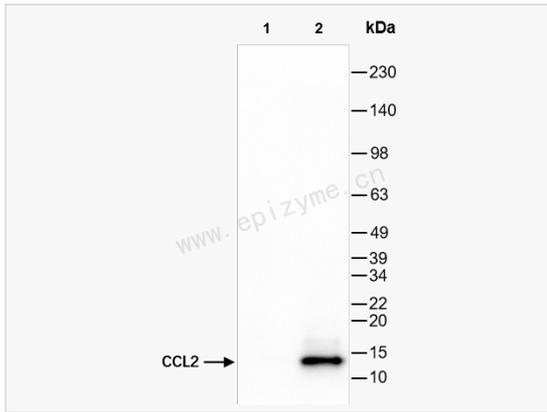
Catalog # R015607

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	21A78H55
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CCL2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CCL2/MCP-1 Rabbit mAb [21A78H55] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	C-C motif chemokine 2; CCL2; CCL2_HUMAN; Chemokine (C C motif) ligand 2; GDCF 2; GDCF-2; GDCF2; HC11; HSMCR30; JE; MCAF; MCP 1; MCP-1; MCP1; MGC9434; Monocyte chemoattractant protein 1; Monocyte chemotactic and activating factor; Monocyte chemotactic protein 1; Monocyte chemotactic protein-1; Monocyte secretory protein JE; SCYA2; Small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig je); Small inducible cytokine A2; Small inducible cytokine subfamily A (Cys Cys), member 2; Small-inducible cytokine A2; SMC CF; SMC-CF; SMCCF.
Calculated MW	Calculated MW: 11 kDa; Observed MW: 11 kDa
Uniprot ID	P13500
Gene ID	6347
Background	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. This cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4. [provided by RefSeq, Jul 2013]
Cellular Location	Cytoplasmic and Nuclear



Western Blot - Anti-CCL2/MCP-1 Rabbit mAb [21A78H55]

All lanes: R015607 at 1:1,000 dilution

Lane 1: Untreated THP-1 (Human monocytic leukemia cell) whole cell lysates

Lane 2: THP-1 cells treated with 1mg/L LPS for 24 hours

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

Developed using the ECL technique (Cat. No. SQ201).