

MCP-1 Polyclonal Antibody

catalog number: E-AB-68402

Note: Centrifuge before opening to ensure complete recovery of vial contents.

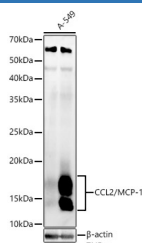
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human MCP-1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

WB	1:500-1:2000
IHC	1:50-1:200

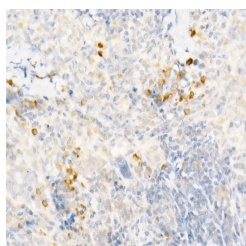
Data



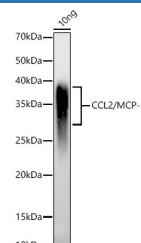
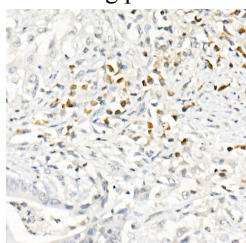
Western blot analysis of A-549 using CCL2/MCP-1 Polyclonal Antibody at 1:2000 dilution. A-549 cells were treated by TNF- α (20 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

Observed-MV:13-15 kDa

Calculated-MV:11 kDa



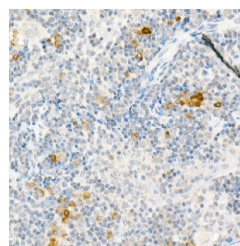
Immunohistochemistry of paraffin-embedded Rat spleen using CCL2/MCP-1 Polyclonal antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western blot analysis of various lysates using CCL2/MCP-1 Polyclonal Antibody at 1:2000 dilution.

Observed-MV:13-15 kDa

Calculated-MV:11 kDa



Immunohistochemistry of paraffin-embedded Mouse spleen using CCL2/MCP-1 Polyclonal antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

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Immunohistochemistry of paraffin-embedded Human colon carcinoma using CCL2/MCP-1 Polyclonal antibody at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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