
Summary

Production Name	MCP-2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CCL8 CCL8; MCP2; SCYA10; SCYA8; C-C motif chemokine 8; HC14; Monocyte chemoattractant protein 2; Monocyte chemotactic protein 2; MCP-2; Small-inducible cytokine A8
Alternative Names	
Gene ID	6355.0
SwissProt ID	P80075.The antiserum was produced against synthesized peptide derived from the C-terminal region of human CCL8. AA range:50-99

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	15kD

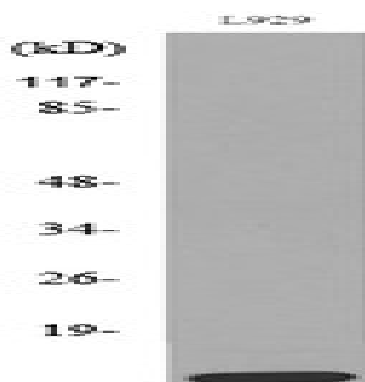
Background

This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form 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, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. [provided by RefSeq, Sep 2014],function:Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. May play a role in neoplasia and inflammatory host responses. This protein can bind heparin. The processed form MCP-2(6-76) does not show monocyte chemotactic activity, but inhibits the chemotactic effect most predominantly of CCL7, and also of CCL2 and CCL5 and CCL8.,induction:By interferon gamma, mitogens and interleukin-1.,online information:CCL8 entry,PTM:N-terminal processed form MCP-2(6-76) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.,similarity:Belongs to the intercrine beta (chemokine CC) family.,subunit:Monomer or homodimer; in equilibrium.,tissue specificity:Highest expression found in the small intestine and peripheral blood cells. Intermediate levels seen in the heart, placenta, lung, skeletal muscle, thymus, colon, ovary, spinal cord and pancreas. Low levels seen in the brain, liver, spleen and prostate.,

Research Area

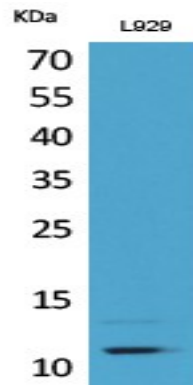
Cytokine-cytokine receptor interaction;Chemokine;NOD-like receptor;

Image Data



Western blot analysis of lysate from L929 cells, using CCL8 Antibody.

Product Name: MCP-2 Rabbit Polyclonal Antibody
Catalog #: APRab13733



Western Blot analysis of L929 cells using MCP-2 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

Note

For research use only.