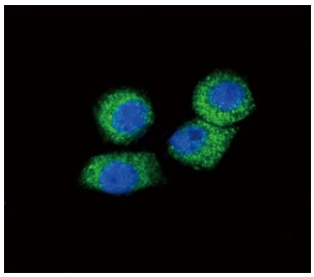
CCL2 Antibody / MCP1 (F49800)

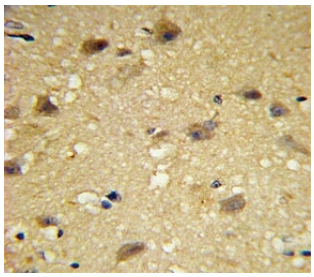
Catalog No.	Formulation	Size
F49800-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49800-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

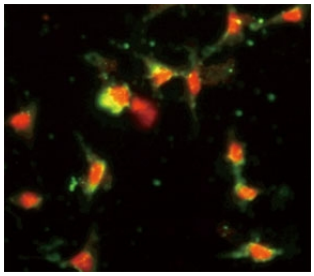
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Primate
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P13500
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This CCL2 antibody is available for research use only.



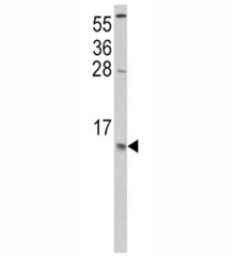
Confocal immunofluorescent analysis of CCL2 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



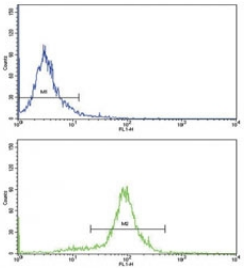
IHC analysis of FFPE human brain tissue with CCL2 antibody



Immunofluorescence analysis of CCL2 antibody with HeLa cells. Primary Ab was followed by FITC-conjugated goat anti-rabbit lgG. FITC emits green fluorescence. Red counterstaining is PI.



Western blot analysis of CCL2 antibody and HeLa lysate. Predicted molecular weight ~11/9kDa (precursor/mature).



Flow cytometric analysis of HeLa cells using CCL2 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. CCL2 is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. 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.

Application Notes

Titration of the CCL2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 62-89 from the human protein was used as the immunogen for this CCL2 antibody.

Storage

Aliquot the CCL2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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