

MCP-1 Monoclonal Antibody (2D8)

Product Details

Size	100 µg
Species	Human, Mouse, Non-human primate
Published Species	Mouse
Expression System	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	2D8
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human CCL2 expressed in E. Coli.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS
Contains	0.05% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538512

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:200 - 1:400	-
Immunocytochemistry (ICC)	1:200 - 1:1000	-
Immunofluorescence (IF)	1:200 - 1:1000	1 Publication
Immunohistochemistry (IHC)	1:200 - 1:1000	2 Publications
Western Blot (WB)	1:500 - 1:2000	1 Publication

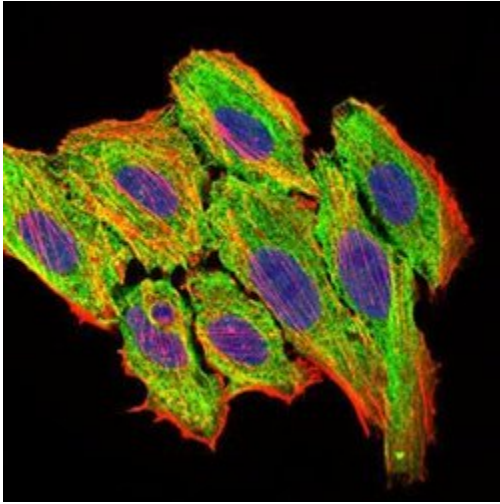
Product Specific Information

MA5-17040 targets CCL2 in FACS, ICC, IHC, IF and WB applications and shows reactivity with Human, Mouse, and Non-human primate samples.

The MA5-17040 immunogen is purified recombinant fragment of human CCL2 expressed in E. Coli.

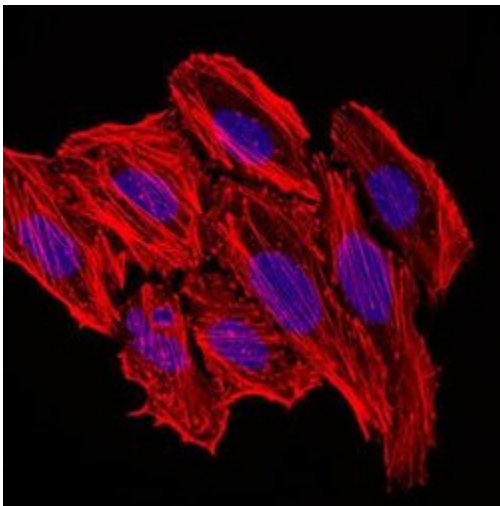
MA5-17040 detects CCL2 which has a predicted molecular weight of approximately 11kDa.

Product Images For MCP-1 Monoclonal Antibody (2D8)



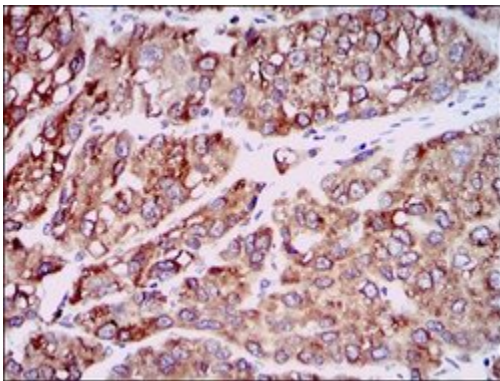
MCP-1 Antibody (MA5-17040) in IF

Immunofluorescence analysis of HepG2 cells using CCL2 monoclonal antibody (Product # MA5-17040) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: actin filaments have been labeled with phalloidin.



MCP-1 Antibody (MA5-17040) in IF

Immunofluorescence analysis of HepG2 cells. Blue: DRAQ5 fluorescent DNA dye. Red: actin filaments have been labeled with phalloidin.



MCP-1 Antibody (MA5-17040) in IHC

Immunohistochemical analysis of paraffin-embedded liver cancer tissues using CCL2 monoclonal antibody (Product # MA5-17040) followed with DAB staining.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Immunohistochemistry (2)

Redox biology

Cholinergic anti-inflammatory pathway inhibits neointimal hyperplasia by suppressing inflammation and oxidative stress.

"Published figure using MCP-1 monoclonal antibody (Product # MA5-17040) in Immunohistochemistry"

Authors: Li DJ,Fu H,Tong J,Li YH,Qu LF,Wang P,Shen FM

Species
Not Applicable

Dilution
Not Cited

Year
2018

PLoS pathogens

Liver macrophage-associated inflammation correlates with SIV burden and is substantially reduced following cART.

"Published figure using MCP-1 monoclonal antibody (Product # MA5-17040) in Immunohistochemistry"

Authors: Fisher BS,Green RR,Brown RR,Wood MP,Hensley-McBain T,Fisher C,Chang J,Miller AD,Bosche WJ,Lifson JD,Mavigner M,Miller CJ,Gale M,Silvestri G,Chahroudi A,Klatt NR,Sodora DL

Species
Not Applicable

Dilution
Not Cited

Year
2018

Immunofluorescence (1)

EBioMedicine

Neutrophil Microvesicles from Healthy Control and Rheumatoid Arthritis Patients Prevent the Inflammatory Activation of Macrophages.

"Published figure using MCP-1 monoclonal antibody (Product # MA5-17040) in Immunofluorescence"

Authors: Rhys HI,Dell'Accio F,Pitzalis C,Moore A,Norling LV,Perretti M

Species
Not Applicable

Dilution
Not Cited

Year
2018

Western Blot (1)

Journal of orthopaedic research : official publication of the Orthopaedic Research Society

Diminished bone regeneration after debridement of posttraumatic osteomyelitis is accompanied by altered cytokine levels, elevated B cell activity, and increased osteoclast activity.

"MA517040 was used in western blot to infer a RANKL-dependent osteoclastogenesis after debridement of osteomyelitis coinciding with elevated B cells and simultaneously decreased osteogenesis"

Authors: Wagner JM,Jaurich H,Wallner C,Abraham S,Becerikli M,Dadras M,Harati K,Duhan V,Khairnar V,Lehnhardt M, Behr B

Species
Mouse

Dilution
Not Cited

Year
2017

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