

MCP-1 Antibody

CAB7277

Description

This MCP-1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB7277
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	HC11, MCAF, MCP1, MCP-1, SCYA2, GDCF-2, SMC-CF, HSMCR30, CCL2/MCP-1
Clone:	-
Applications:	WB IHC-P ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	6347
Uniprot:	AB_2767818
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	13-15kDa
Calculated MW:	11kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: A-549 treated with TNF- α , Recombinant Human CCL2/MCP-1 Protein

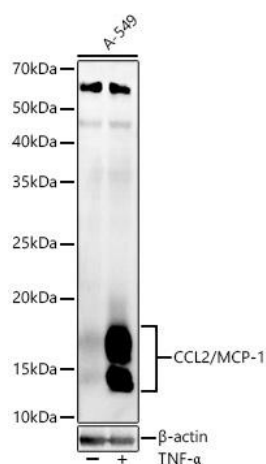
Recommended Dilutions:

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

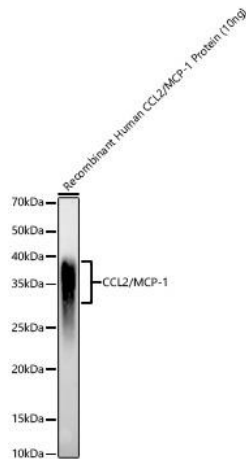
Protein Quantification (Optional):

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

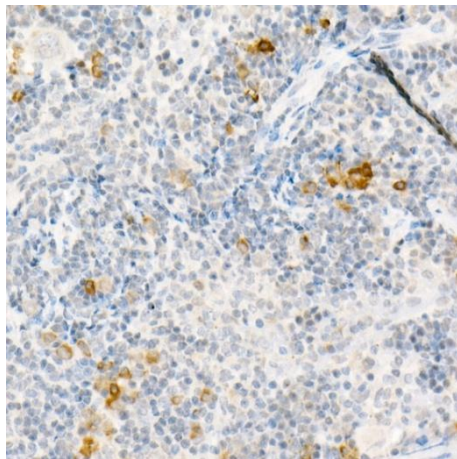
Validation Data



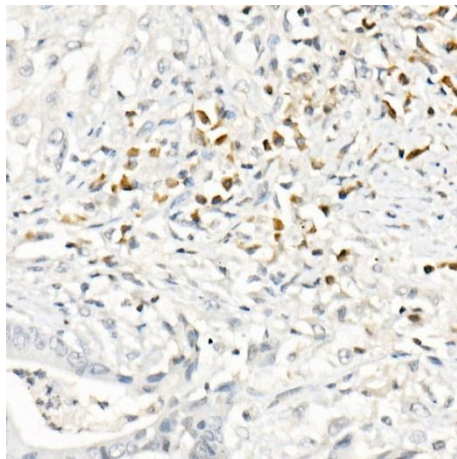
Western blot analysis of lysates from A-549 cells, using /MCP-1 Rabbit pAb (CAB7277) at 1:2000 dilution. A-549 cells were treated with TNF- α (20 ng/ml) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 30s.



Western blot analysis of Recombinant Human /MCP-1 Protein, using /MCP-1 Rabbit pAb (CAB7277) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 10ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using /MCP-1 Rabbit pAb (CAB7277) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using /MCP-1 Rabbit pAb (CAB7277) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.