

# Product Datasheet

## CCL2/MCP1 Antibody (2D8) - Azide and BSA Free NBP2-80618

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-80618**

CCL2/MCP1 Antibody (2D8) - Azide and BSA Free

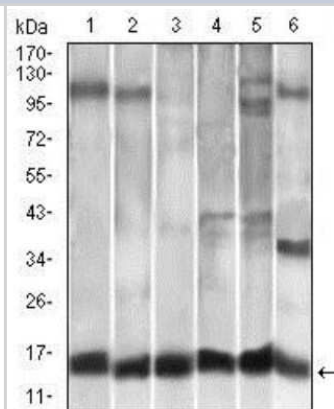
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D8
Preservative	No Preservative
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	11 kDa

Product Description	
Description	Novus Biologicals Mouse CCL2/MCP1 Antibody (2D8) - Azide and BSA Free (NBP2-22115) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6347
Gene Symbol	CCL2
Species	Human, Mouse, Rat, Feline, Primate
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 29286133).
Immunogen	Full length human MCP1 expressed in E. coli. [Uniprot: P13500]

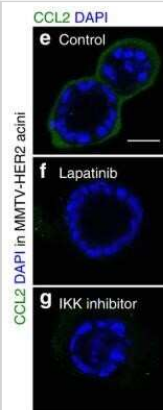
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready

**Images**

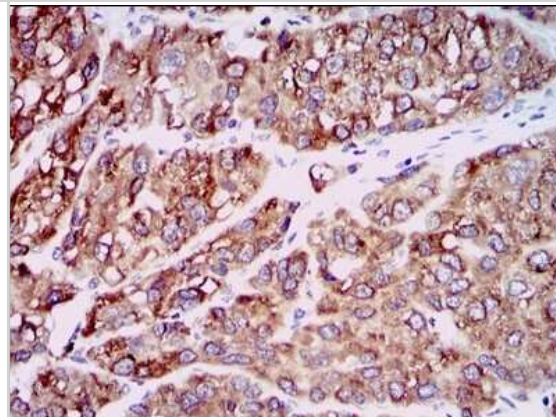
Western Blot: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - Analysis using MCP1 mouse mAb against A549 (1), HeLa (2), Raw264.7 (3), L1210 (4), C6 (5), and COS-7 (6) cell lysates. Image from the standard format of this antibody.



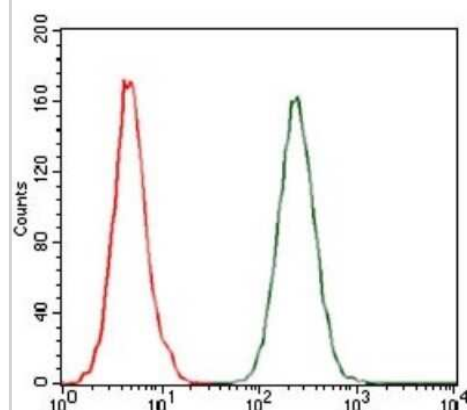
Immunocytochemistry/Immunofluorescence: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - CCL2 staining in acini cultures from MMTV-HER2 MGs (20-24 weeks) grown for 5 days and then DMSO-treated (vehicle control, e), 1uM lapatinib (f) or 1 uM IKKi compound A (g) for 24 hrs. Bar: 25 um. Image collected and cropped by CiteAb from the following publication (<https://www.nature.com/articles/s41467-017-02481-5>), licensed under a CC-BY license. Image from the standard format of this antibody.



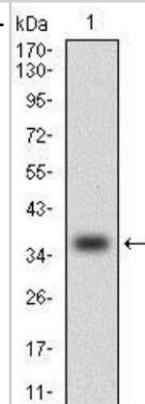
Immunohistochemistry-Paraffin: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - Analysis of paraffin-embedded liver cancer tissues using MCP1 mouse mAb with DAB staining. Image from the standard format of this antibody.



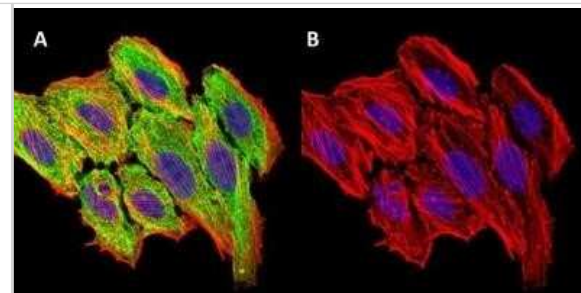
Flow Cytometry: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - Analysis of A549 cells using MCP1 mouse mAb (green) and negative control (red). Image from the standard format of this antibody.



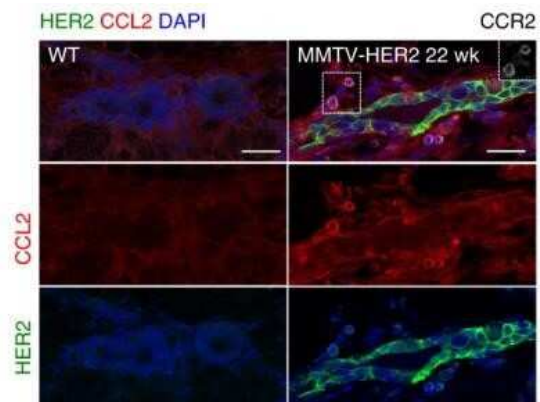
Western Blot: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - Analysis using MCP1 mAb against human MCP1 (AA: 1-99) recombinant protein. (Expected MW is 36.5 kDa) Image from the standard format of this antibody.



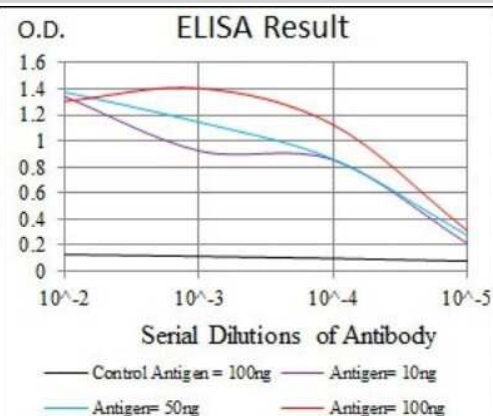
Immunocytochemistry/Immunofluorescence: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - Analysis of HepG2 cells using A) MCP1 mAb (green), DRAQ5 fluorescent DNA dye (blue), and Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red). B) Staining without MCP1 mAb Image from the standard format of this antibody.



Immunohistochemistry: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - HER2 activates NF- $\kappa$ B and upregulates CCL2. MGs from FVB wild-type and 22-week-old MMTV-HER2 mice stained against CCL2, HER2, and CCR2. Bars: 25  $\mu$ m. Inset, CCR2 signal, zoom factor 1x; full image in Supplementary Fig. 5i. CCL2 intensity was quantified using



ELISA: CCL2/MCP1 Antibody (2D8) - Azide and BSA Free [NBP2-80618] - Red: Control Antigen (100ng), Purple: Antigen (10ng), Green: Antigen (50ng), Blue: Antigen (100ng). Image from the standard format of this antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-80618**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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