

# Product Datasheet

## CCR2 Antibody NB100-701SS

Unit Size: 0.025 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-701](http://www.novusbio.com/NB100-701)

Updated 3/30/2022 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-701](http://www.novusbio.com/reviews/destination/NB100-701)



**NB100-701SS**

## CCR2 Antibody

Product Information	
Unit Size	0.025 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM KHPO <sub>4</sub> , 0.14M NaCl and 1.0 mg/ml BSA

Product Description	
Host	Goat
Gene ID	729230
Gene Symbol	CCR2
Species	Human, Mouse, Rat
Reactivity Notes	Human reported in literature (PMID: 21719683). Rat reactivity reported in scientific literature (PMID: 29359616).
Specificity/Sensitivity	Peptide sequence is < 50 % identical to other mouse chemokine receptors in this region.
Immunogen	Synthetic peptide: SHSLFTRSIQELDEGATTPYDYDDGEPG, corresponding to N terminal amino acids 18-45 of the N-terminal domain of Mouse CCR2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:20, Immunohistochemistry 1:125, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:125
Application Notes	IHC-P: Antigen retrieval is not essential but may optimize staining. Optimal dilutions/concentrations should be determined by the end user. All dilutions given are minimums. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 19441102).

**Publications**

Yagura K, Ohtaki H, Tsumuraya T et al. The enhancement of CCL2 and CCL5 by human bone marrow-derived mesenchymal stem/stromal cells might contribute to inflammatory suppression and axonal extension after spinal cord injury PLoS ONE 2020-03-10 [PMID: 32155215] (IF/IHC, Human)

Seki Ekihiro, De Minicis Samuele, Inokuchi Sayaka et al. CCR2 promotes hepatic fibrosis in mice. Hepatology 2009-01-01 [PMID: 19441102] (ICC/IF, Mouse)

Aye-Mon A, Hori K, Kozakai Y et al. CCR2 upregulation in DRG neurons plays a crucial role in gastric hyperalgesia associated with diabetic gastropathy Mol Pain 2018-01-24 [PMID: 29359616] (Rat)

Menasria R, Canivet C, Piret J et al. Both Cerebral and Hematopoietic Deficiencies in CCR2 Result in Uncontrolled Herpes Simplex Virus Infection of the Central Nervous System in Mice. PLoS ONE. 2016-12-08 [PMID: 27930721] (IF/IHC, Mouse)





### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-701](http://www.novusbio.com/reviews/submit/NB100-701)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

