

# Product Datasheet

## GR/NR3C1 Antibody (C.15200010) - BSA Free NBP2-59202

Unit Size: 50 ug

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

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-59202](http://www.novusbio.com/NBP2-59202)

Updated 9/9/2025 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/NBP2-59202](http://www.novusbio.com/reviews/destination/NBP2-59202)



**NBP2-59202**

GR/NR3C1 Antibody (C.15200010) - BSA Free

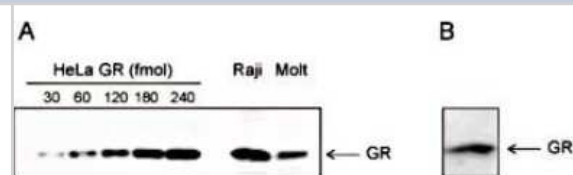
Product Information	
Unit Size	50 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C.15200010
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	ammonium sulphate purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse GR/NR3C1 Antibody (C.15200010) - BSA Free (NBP2-59202) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2908
Gene Symbol	NR3C1
Species	Human, Rat
Immunogen	The exact immunogen is proprietary information.

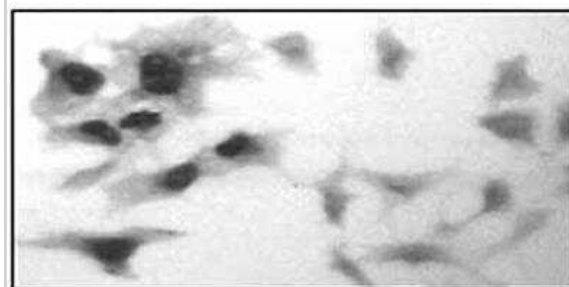
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing, Gel Supershift Assay
Recommended Dilutions	Western Blot 1 ug/mL, Flow Cytometry 0.5 ug/mL, ELISA 0.5 ug/mL, Immunohistochemistry 2.5 ug/mL, Immunocytochemistry/ Immunofluorescence 2.5 ug/mL, Immunoprecipitation 5 ug/IP, Gel Supershift Assay 5 ug/mL, Chromatin Immunoprecipitation (ChIP) 5 ug/IP, Chromatin Immunoprecipitation Sequencing 5ug/ChIP

**Images**

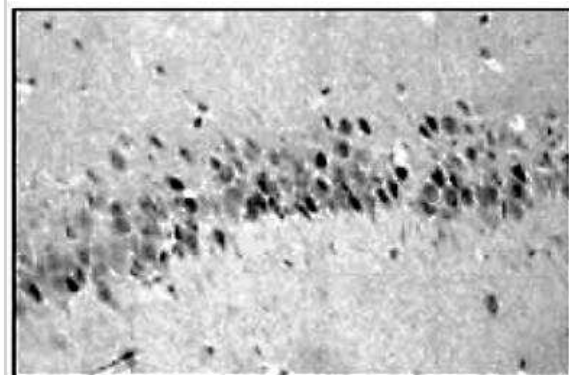
Western Blot: GR/NR3C1 Antibody (C.15200010) [NBP2-59202] - Extracts from HeLa cells containing the indicated amounts of GR (from 30 to 240 fmol), and from 5x10<sup>6</sup> Raji or Molt cells were analyzed by Western blot using the antibody against hGR. Figure B. Analysis of extracts from 300,000 HeLa cells with the antibody against hGR (1 ug/mL).



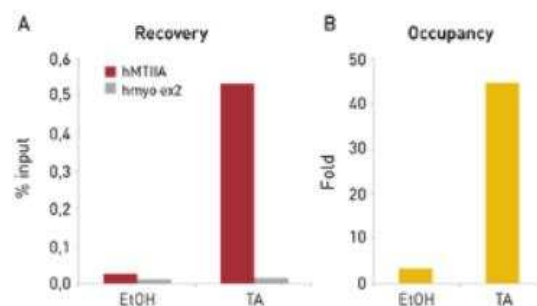
Immunocytochemistry/Immunofluorescence: GR/NR3C1 Antibody (C.15200010) [NBP2-59202] - COS-7 cells transiently overexpressing human GR were labeled with the antibody against hGR followed by a biotinylated secondary antibody and peroxidase-labeled avidin. The antibody was used at a concentration of 2.5 ug/mL.



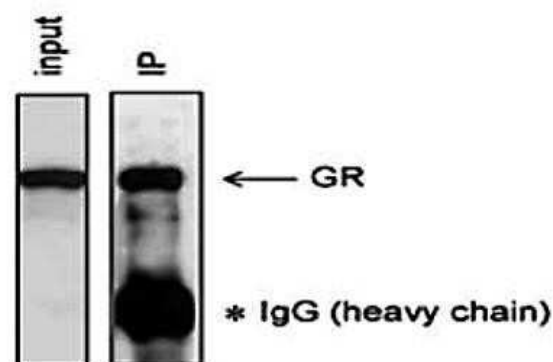
Immunohistochemistry: GR/NR3C1 Antibody (C.15200010) [NBP2-59202] - Immunoreactivity of the monoclonal antibody against hGR in rat CA1 neurons of hippocampus. The antibody was used at 2.5 ug/mL.



Chromatin Immunoprecipitation: GR/NR3C1 Antibody (C.15200010) [NBP2-59202] - ChIP assays were performed using HeLa cells, the monoclonal antibody directed against GR and optimized PCR primer sets for qPCR. The cells were treated either with ethanol (EtOH, used as a negative control) or triamcinolone acetonide (TA) for 4 hours prior to cell harvesting. ChIP was performed using sheared chromatin from 3 million cells and 5 ug of antibody. QPCR was performed with primers for the human metallothionein promoter (hMTIIA) and for exon 2 of the human myoglobin gene (hmyo ex2), used as a negative control. Figure shows the recovery (the relative amount of immunoprecipitated DNA compared to input DNA) and the occupancy (ratio +/- control target). These results demonstrate the occupancy of the human metallothionein IIA promoter by GR.



Immunoprecipitation: GR/NR3C1 Antibody (C.15200010) [NBP2-59202] - Immunoprecipitation using the antibody against hGR. The glucocorticoid receptor was immunoprecipitated from HeLa cell extracts (5 million HeLa cells in 100 uL IP reaction solution) using 5 ug of the antibody directed against hGR. The IP was followed by Western blot analysis.







### **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 NBP2-59202**

---

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]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

---

### **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/NBP2-59202](http://www.novusbio.com/reviews/submit/NBP2-59202)

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

