

# Product Datasheet

## Gr-1/Ly-6G Antibody (1A8) - BSA Free NBP2-53131

Unit Size: 0.1 mg

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

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

### Publications: 2

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**NBP2-53131**

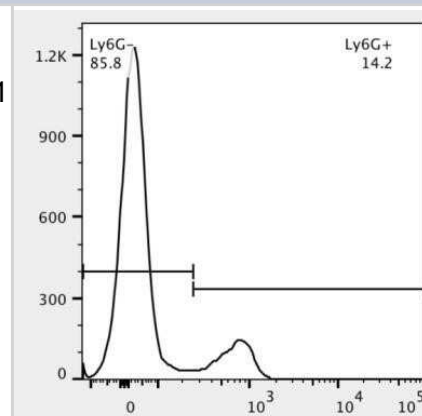
Gr-1/Ly-6G Antibody (1A8) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1A8
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	546644
<b>Gene Symbol</b>	LY6G6D
<b>Species</b>	Mouse
<b>Immunogen</b>	Ly-6G transfected EL-4J cell line.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry
<b>Recommended Dilutions</b>	Flow Cytometry 0.25 ug/10 <sup>6</sup> cells

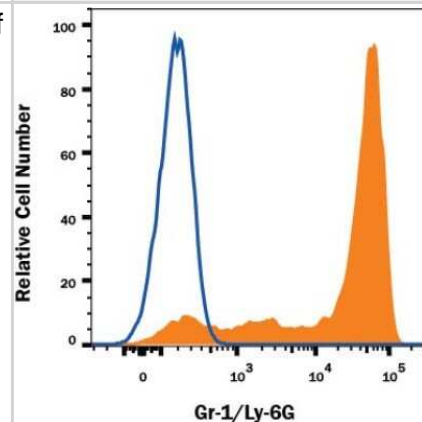


## Images

Flow Cytometry: Gr-1/Ly-6G Antibody (1A8) [NBP2-53131] - Cells were pre-gated with live/dead and FSC-A/W to exclude dead cells and cell doublets. The single cell suspension was isolated from a spleen of an IL1-R KO (knockout) mouse and stained with the FITC-Conjugated CD45R antibody (1:100) for 30 minutes. Cells were analyzed by flow cytometer. This KO validation image was submitted via customer review. Image from the FITC version of this antibody.



Flow Cytometry: Gr-1/Ly-6G Antibody (1A8) [NBP2-53131] - Detection of Ly-6G in Mouse Bone Marrow Cells by Flow Cytometry. Mouse bone marrow cells were stained with Rat Anti-Mouse Ly-6G Monoclonal Antibody (Catalog # NBP2-53131, filled histogram) or isotype control antibody (Catalog # MAB006, open histogram), followed by APC-conjugated Goat Anti-Rat IgG (Catalog # F0113).



## Publications

Wanner N, Barnhart J, Apostolakis N Et al. Using the Autofluorescence Finder on the Sony ID7000(TM) Spectral Cell Analyzer to Identify and Unmix Multiple Highly Autofluorescent Murine Lung Populations Front Bioeng Biotechnol 2022-04-04 [PMID: 35372303] (FLOW, Mouse)

Details:

Citation using the Alexa Fluor 532 version of this antibody.

Sulciner Megan L, Serhan Charles N, Gilligan Molly M et al. Resolvins suppress tumor growth and enhance cancer therapy. J Exp Med 2018-01-01 [PMID: 29191914] (FLOW, Mouse)

Details:

This citation used the Alexa Fluor 488 version 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 NBP2-53131**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-43321-0.5mg	Rat IgG2a Kappa Light Chain Isotype Control (R2a)
210-TA-005	TNF-alpha [Unconjugated]

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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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