

# 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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### Publications: 2

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**NBP2-53131**

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

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A8
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	PBS

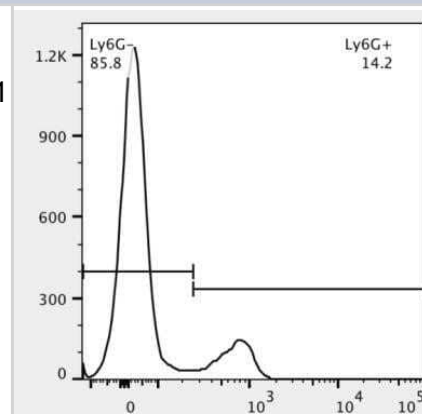
Product Description	
Description	Novus Biologicals Rat Gr-1/Ly-6G Antibody (1A8) - BSA Free (NBP2-53131) is a monoclonal antibody validated for use in Flow. Anti-Gr-1/Ly-6G Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	546644
Gene Symbol	Ly6g
Species	Mouse
Immunogen	Ly-6G transfected EL-4J cell line.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 0.25 ug/10 <sup>6</sup> cells

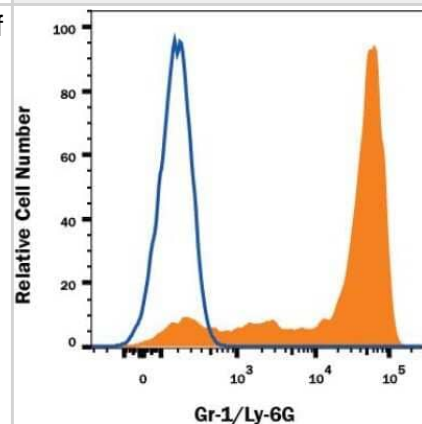


## Images

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.



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### **Products Related to NBP2-53131**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
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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