

# Product Datasheet

## Fc gamma RIIIA/CD16a Antibody (3G8) - BSA Free NBP1-50056

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-50056**

Fc gamma RIIIA/CD16a Antibody (3G8) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	3G8
Preservative	15mM Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	65 kDa

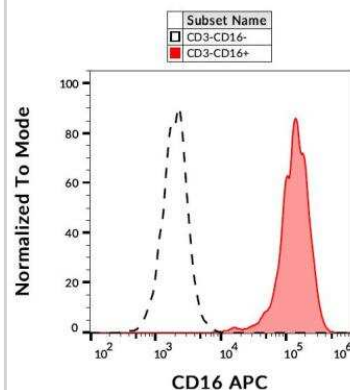
Product Description	
Description	Novus Biologicals Mouse Fc gamma RIIIA/CD16a Antibody (3G8) - BSA Free (NBP1-50056) is a monoclonal antibody validated for use in IHC, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2214
Gene Symbol	FCGR3A
Species	Human, Primate
Specificity/Sensitivity	The mouse monoclonal antibody 3G8 recognizes CD16, a low affinity receptor for aggregated IgG (Fc gamma RIII antigen). CD16 exists in two different isoforms: CD16a (Fc gamma RIIIA; 50-65 kDa; expressed on NK-cells, monocytes and macrophages) and CD16b (Fc gamma RIIIB; 48 kDa; mainly expressed on neutrophils). HLDA V; WS Code NK80
Immunogen	Human neutrophils.

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 6 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Frozen 1:200, CyTOF-ready
Application Notes	IHC-Frozen sections: acetone fixation recommended Functional: In vitro Stimulation of NK cell proliferation, blocking of IgG binding and phagocytosis, inhibition of cytotoxic activity, in vivo NK cell depletion. This antibody is CyTOF ready.

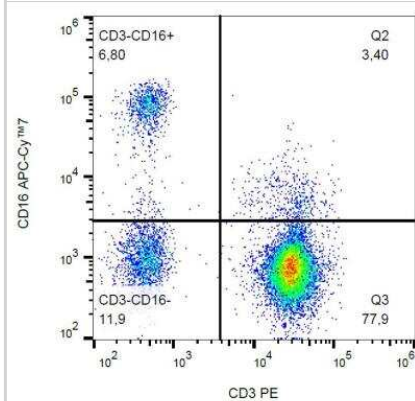


## Images

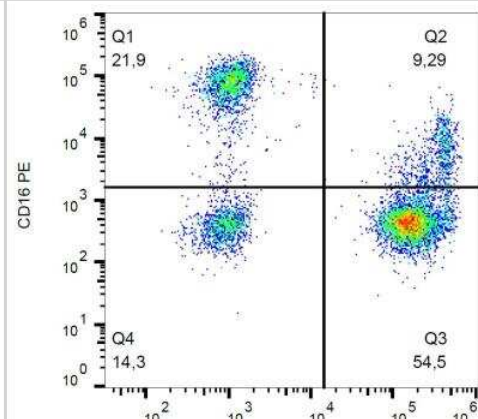
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Staining of CD16 in human peripheral blood with anti-CD16 (3G8) APC.



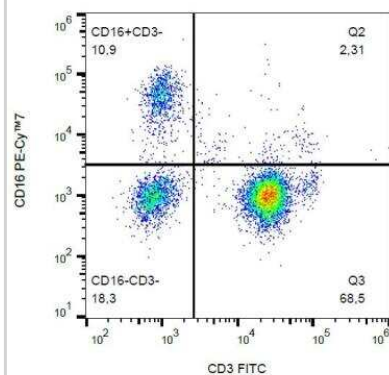
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) APC-CyTM7.



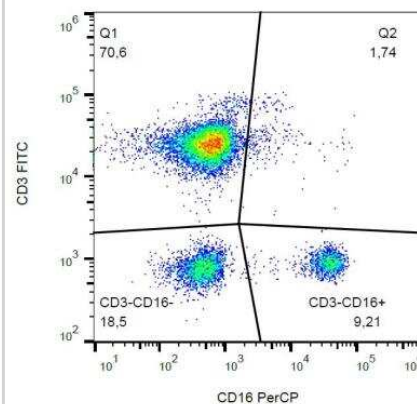
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) PE.



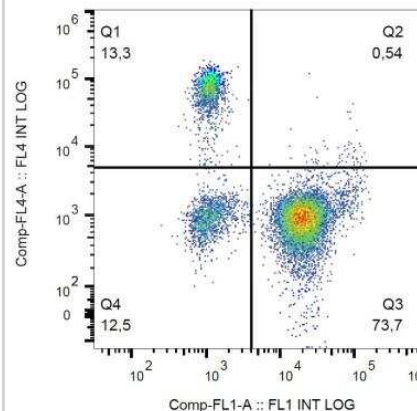
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) PE-CyTM7.



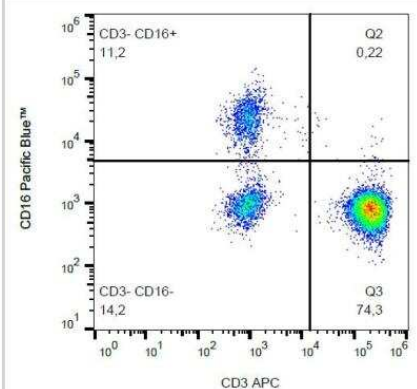
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) PerCP.



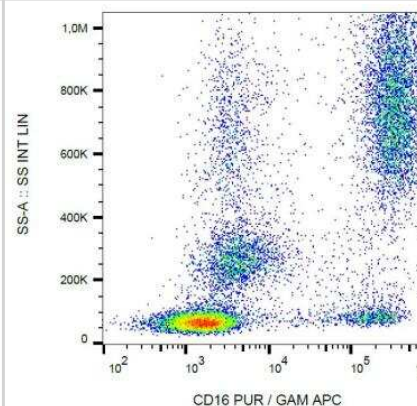
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) PerC-CyTM5.5



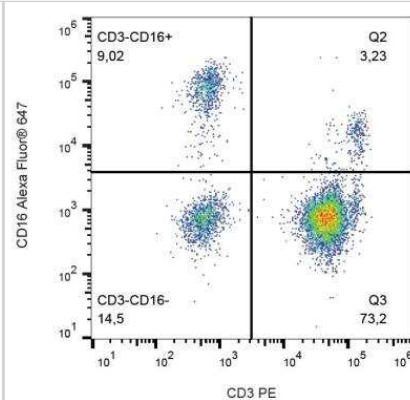
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) Pacific Blue™.



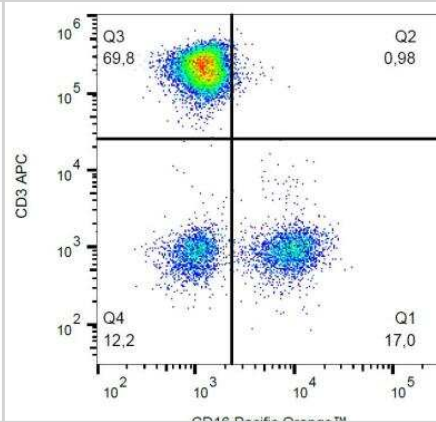
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Surface staining of CD16 in human peripheral blood with anti-CD16 (3G8) purified / GAM-APC.



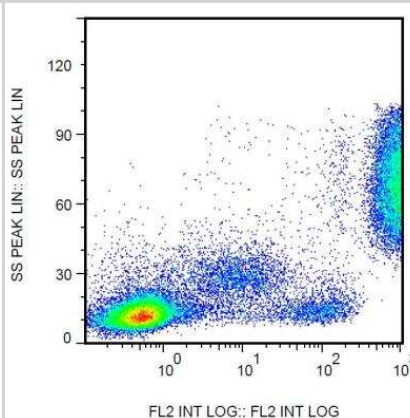
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Staining of CD16 in human peripheral blood with anti-CD16 (3G8) Alexa Fluor® 647.



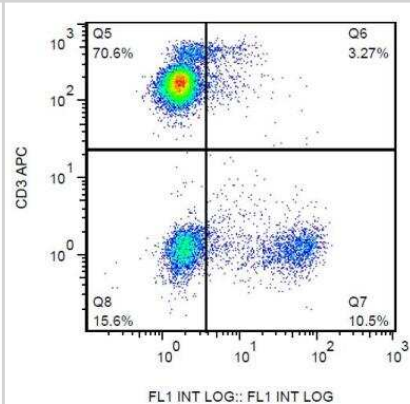
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Staining of CD16 in human peripheral blood with anti-CD16 (3G8) Pacific Orange™.



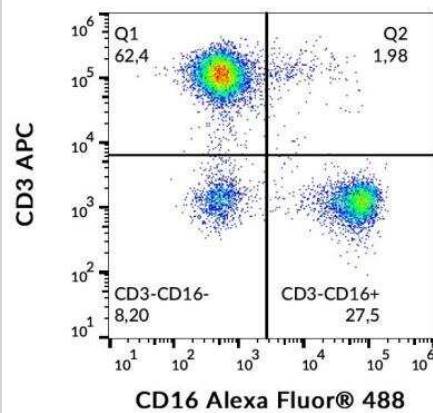
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Staining of CD16 in human peripheral blood with anti-CD16 (3G8) biotin.



Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Staining of human peripheral blood with anti-CD16 (3G8) FITC.



Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (3G8) [NBP1-50056] - Staining of CD16 in human peripheral blood with anti-CD16 (3G8) Alexa Fluor® 488.





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### **Products Related to NBP1-50056**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-33753PEP	Fc gamma RIIIA/CD16a Recombinant Protein Antigen

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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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