

# Product Datasheet

## Fc gamma RIIIA/CD16a Antibody (MEM-168) - BSA Free NB500-523

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-523**

Fc gamma RIIIA/CD16a Antibody (MEM-168) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-168
Preservative	15mM Sodium Azide
Isotype	IgM
Purity	Multi-step
Buffer	Tris buffered saline (TBS), pH 8.0
Target Molecular Weight	65 kDa

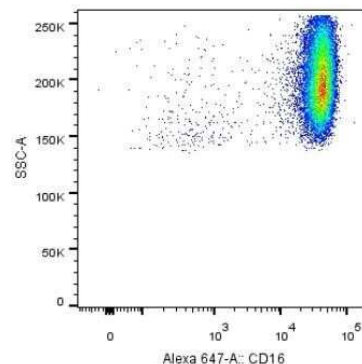
Product Description	
Description	Novus Biologicals Mouse Fc gamma RIIIA/CD16a Antibody (MEM-168) - BSA Free (NB500-523) is a monoclonal antibody validated for use in Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2214
Gene Symbol	FCGR3A
Species	Human, Porcine, Primate
Specificity/Sensitivity	The antibody MEM-168 reacts with CD16 antigen, a low affinity receptor for aggregated IgG (FcgammaRIII antigen). CD16 exists in two different isoforms: CD16a (FcgammaRIIIA; 50-65 kDa; expressed on NK-cells, monocytes and macrophages) and CD16b (FcgammaRIIIB; 48 kDa; mainly expressed on neutrophils).
Immunogen	Human granulocytes.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1-4 ug/ml

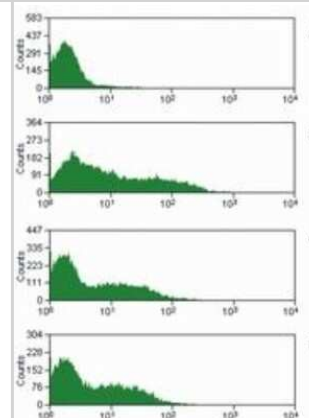


## Images

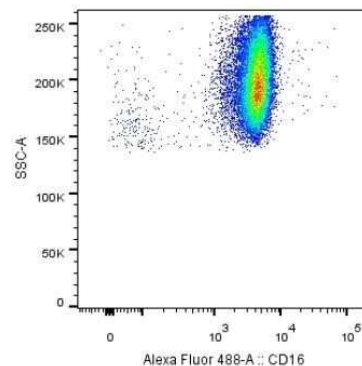
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (MEM-168) [NB500-523] - Analysis using the Alexa Fluor (R) 647 conjugate of NB500-523. Staining of CD16a in human buffy coat using anti-CD16a antibody. The primary antibody was used at a dilution of 1:100 and incubated for 25 min at 4C in 2% human serum, 0.5 mM EDTA in DPBS. Image



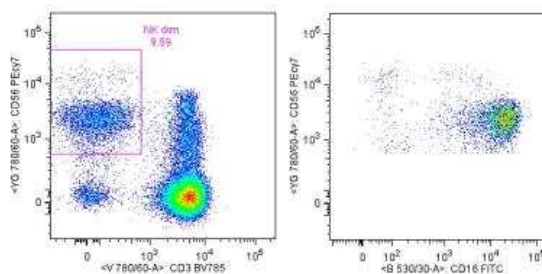
Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (MEM-168) [NB500-523] - Surface staining of lysed and washed porcine peripheral blood with purified anti-CD16 (MEM-168) (detection by anti-mouse IgM FITC). Panel A - porcine PBMC stained with Isotype mouse IgM control (PFR-03) Panel B, C, D - three different porcine PMBC samples stained with anti-CD16 (MEM-168) Cells in the granulocyte gate were used for analysis.



Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (MEM-168) [NB500-523] - Analysis using the Alexa Fluor (R) 488 conjugate of NB500-523. Staining of CD16a in human buffy coat using anti-CD16a antibody AF488. The primary antibody was used at a dilution of 1:100 and incubated for 25 min at 4C in 2% human serum, 0.5 mM EDTA in DPBS. Image from verified customer review.



Flow Cytometry: Fc gamma RIIIA/CD16a Antibody (MEM-168) [NB500-523] - Human PBMC stained with Fc gamma RIIIA/CD16a antibody. Image from verified customer review.





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### **Products Related to NB500-523**

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NBL1-10658	Fc gamma RIIIA/CD16a Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97007	Mouse IgM Isotype Control

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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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