

# Product Datasheet

## Fc gamma RII/CD32 Antibody (AT10) - BSA Free NB100-65338-0.025mg

Unit Size: 0.025 mg

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

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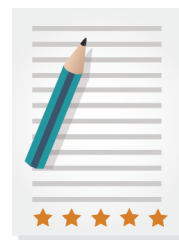
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**NB100-65338-0.025mg**

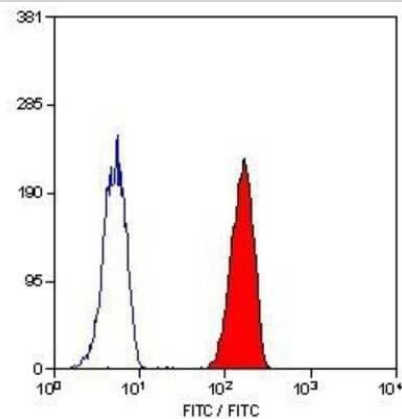
Fc gamma RII/CD32 Antibody (AT10) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.025 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>	AT10
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Fc gamma RII/CD32 Antibody (AT10) - BSA Free (NB100-65338) is a monoclonal antibody validated for use in IHC, Flow and IP. Anti-Fc gamma RII/CD32 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2213
<b>Gene Symbol</b>	FCGR2B
<b>Species</b>	Human
<b>Reactivity Notes</b>	Predicted cross-reactivities: Rhesus Monkey, Dog, Porcine
<b>Specificity/Sensitivity</b>	NB100-65338 recognizes the human CD32 antigen, a 40kD glycoprotein that acts as a low affinity receptor for IgG (also known as Fc gamma RII). The antigen mediates several functions including endocytosis, activation of secretion, cytotoxicity and immunomodulation. CD32 is expressed by B cells, monocytes, granulocytes and platelets. Clone AT10 blocks the binding of IgG to Fc gamma RII.
<b>Immunogen</b>	K562 cell line
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry 20 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 20 ug/ml, Immunohistochemistry-Frozen 1:500-1:1000, Functional

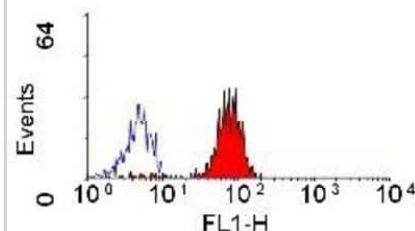


## Images

Flow Cytometry: Fc gamma RII/CD32 Antibody (AT10) [NB100-65338] - Analysis using the FITC conjugate of NB100-65338. Staining of human peripheral blood granulocytes.



Flow Cytometry: Fc gamma RII/CD32 Antibody (AT10) [NB100-65338] - Analysis using the Biotin conjugate of NB100-65338. Staining of human peripheral blood monocytes with mouse anti human CD32: BIOTIN.



## Publications

Ladel S, Maigler F, Flamm J et al. Impact of Glycosylation and Species Origin on the Uptake and Permeation of IgGs through the Nasal Airway Mucosa Pharmaceuticals 2020-10-23 [PMID: 33114132] (IF/IHC, Porcine)

Sun D, Raisley B, Langer M et al. Anti-peptidoglycan antibodies and fc gamma receptors are the key mediators of inflammation in gram-positive sepsis J Immunol 2012-09-01 [PMID: 22815288] (FLOW, Human)

Details:

This citation used the Biotin version of this antibody.



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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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