

Product Datasheet

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

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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NB100-65338

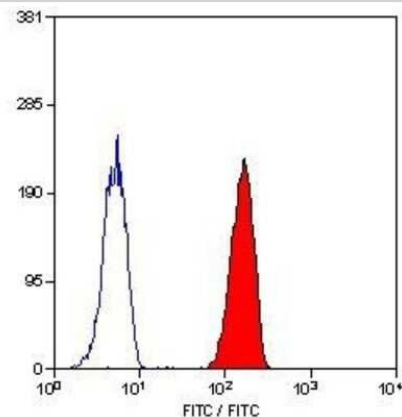
Fc gamma RII/CD32 Antibody (AT10) - BSA Free

| 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 | AT10 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS |
| Product Description | |
| Description | 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. |
| Host | Mouse |
| Gene ID | 2213 |
| Gene Symbol | FCGR2B |
| Species | Human |
| Reactivity Notes | Predicted cross-reactivities: Rhesus Monkey, Dog, Porcine |
| Specificity/Sensitivity | 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. |
| Immunogen | K562 cell line |
| Product Application Details | |
| Applications | Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation |
| Recommended Dilutions | Flow Cytometry 20 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 20 ug/ml, Immunohistochemistry-Frozen 1:500-1:1000, Functional |

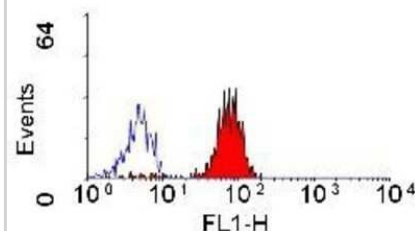


Images

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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Products Related to NB100-65338

| | |
|------------------|--|
| NBL1-10656 | Fc gamma RIIB/CD32b Overexpression Lysate |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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