

# Product Datasheet

## Fc gamma RIIIA/CD16a Antibody (3G8) [Janelia Fluor® 669]

**NBP1-50056JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-50056JF669**

Fc gamma RIIIA/CD16a Antibody (3G8) [Janelia Fluor® 669]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | 3G8   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Conjugate</b>                   | Janelia Fluor 669   |
| <b>Purity</b>                      | Protein A purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 2214  |
| <b>Gene Symbol</b>                 | FCGR3A  |
| <b>Species</b>                     | Human, Primate  |
| <b>Specificity/Sensitivity</b>     | The mouse monoclonal antibody 3G8 recognizes CD16, 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). HLDA V; WS Code NK80 |
| <b>Immunogen</b>                   | Human neutrophils.  |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready   |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen, CyTOF-ready   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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### **Products Related to NBP1-50056JF669**

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|               |  |
|---------------|--|
| NBP2-33753PEP | Fc gamma RIIIA/CD16a Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                         |
| 4325-FC-050   | Fc gamma RIIIA/CD16a [Unconjugated]              |
| 202-IL-010    | IL-2 [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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