

# Product Datasheet

## G-CSF Antibody (CSF3/900) [PE/Cy7] NBP2-47934PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-47934PECY7**

G-CSF Antibody (CSF3/900) [PE/Cy7]

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.1 ml   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C in the dark. Do not freeze.  |
| Clonality                   | Monoclonal   |
| Clone                       | CSF3/900   |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG1 Kappa   |
| Conjugate                   | PE/Cy7   |
| Purity                      | Protein A or G purified  |
| Buffer                      | PBS  |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 1440   |
| Gene Symbol                 | CSF3   |
| Species                     | Human, Rhesus Macaque  |
| Reactivity Notes            | Macaque Monkey.  |
| Specificity/Sensitivity     | This monoclonal antibody recognizes granulocyte-colony stimulating factor (G-CSF) in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell types. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. It reacts with early precursor and mature forms of myeloid cells. It is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes. G-CSF is a pleiotropic cytokine that influences differentiation, proliferation and activation of the neutrophilic granulocyte lineage. The human G-CSF cDNA encodes a 207 amino acid precursor containing a 29 amino acid signal peptide that is proteolytically cleaved to form a 178 amino acid residue mature protein. Two G-CSFs share 73% sequence identity at the amino acid level. |
| Immunogen                   | Recombinant full-length human G-CSF protein (Uniprot: P09919)  |
| Product Application Details |  |
| Applications                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence  |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.   |





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### **Products Related to NBP2-47934PECY7**

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|                 |                               |
|-----------------|-------------------------------|
| NBP2-35201-10ug | Recombinant Rat G-CSF Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]      |
| 214-CS-005      | G-CSF [Unconjugated]          |
| M6000B-1        | IL-6 [HRP]                    |

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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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