

# Product Datasheet

## SIRP alpha/CD172a Antibody (OX-41) [Janelia Fluor® 669] NB100-65530JF669

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-65530JF669**

SIRP alpha/CD172a Antibody (OX-41) [Janelia Fluor® 669]

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.25 ml  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at 4C in the dark.   |
| Clonality                   | Monoclonal   |
| Clone                       | OX-41  |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG2a  |
| Conjugate                   | Janelia Fluor 669  |
| Purity                      | Protein G purified   |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 140885   |
| Gene Symbol                 | SIRPA  |
| Species                     | Rat  |
| Reactivity Notes            | Reacts with Rat. Use in Mouse reported in scientific literature (PMID:34413330)  |
| Specificity/Sensitivity     | NB100-65530 recognizes rat CD172a, also known as Signal regulatory protein (SIRP). CD172a is expressed selectively by myeloid cells and by neurons. MRC OX-41 binds to a different epitope on SIRP than ED9. It does not block the interaction of CD172a - CD47. |
| Immunogen                   | Rat peritoneal macrophages   |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  |
| Product Application Details |  |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin  |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |



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### **Products Related to NB100-65530JF669**

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|               |   |
|---------------|---|
| NBP2-58429PEP | SIRP alpha/CD172a Recombinant Protein Antigen |
| 210-TA-005    | TNF-alpha [Unconjugated]                      |
| 9378-SA-050   | SIRP alpha/CD172a [Unconjugated]              |
| DC140         | CD14 [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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