

# Product Datasheet

## **Prolactin R Antibody (U5) [Janelia Fluor® 549] NB300-561JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB300-561JF549**

Prolactin R Antibody (U5) [Janelia Fluor® 549]

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                                         |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | U5                                                                                                               |
| Preservative        | 0.05% Sodium Azide                                                                                               |
| Isotype             | IgG1                                                                                                             |
| Conjugate           | Janelia Fluor 549                                                                                                |
| Purity              | Protein G purified                                                                                               |
| Buffer              | 50mM Sodium Borate                                                                                               |

| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID             | 5618                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Symbol         | PRLR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species             | Human, Mouse, Rat, Porcine, Bovine, Equine, Hamster, Rabbit, Sheep                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity Notes    | Sheep reactivity reported in scientific literature (PMID: 2707162). Bovine reactivity reported in scientific literature (PMID: 25212395). Mouse reactivity reported in scientific literature (PMID: 19211889). Hamster reactivity reported in scientific literature (PMID: 24142695). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information |
| Immunogen           | Purified rat liver PRL receptor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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, Immunoprecipitation |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                       |



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**Products Related to NB300-561JF549**

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|                 |                                                      |
|-----------------|------------------------------------------------------|
| NBP1-97005JF549 | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 549] |
| 291-G1-200      | IGF-I/IGF-1 [Unconjugated]                           |
| 1167-PR-050     | Prolactin R [Unconjugated]                           |
| AF2168          | STAT5a/b Antibody [Unconjugated] - Pan Specific      |

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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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