

# Product Datasheet

## Progesterone R/NR3C3 Antibody (PR501) [Janelia Fluor® 525] NBP2-33369JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-33369JF525**

Progesterone R/NR3C3 Antibody (PR501) [Janelia Fluor® 525]

| 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.                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                            |
| Clone                       | PR501                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                                                                                                                                                                            |
| Conjugate                   | Janelia Fluor 525                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A or G purified                                                                                                                                                                                                                                                                                                                                                                               |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 5241                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | PGR                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                 |
| Marker                      | Marker of Progestin Dependence                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | This monoclonal antibody is specific to progesterone receptor and shows minimal cross-reaction with other members of the family. Progesterone receptor is expressed as two major isoforms, PR-A (81kDa) and PR-B (116kDa). Expression of PgR has been suggested to reflect a intact estrogen regulatory machinery and therefore, predict better clinical response to endocrine therapy than ER alone. |
| Immunogen                   | Recombinant human Progesterone R/NR3C3 protein (Uniprot: P06401)                                                                                                                                                                                                                                                                                                                                      |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Western Blot, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                           |
| Recommended Dilutions       | Western Blot, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                           |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                |





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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