

# Product Datasheet

## Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free NBP2-33325-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-33325-0.1mg**

Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free

| Product Information |   |
|---------------------|---|
| Unit Size           | 0.1 mg  |
| Concentration       | 1.0 mg/ml                                       |
| Storage             | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal                                      |
| Clone               | PR484   |
| Preservative        | No Preservative                                 |
| Isotype             | IgG1 Kappa                                      |
| Purity              | Protein A or G purified                         |
| Buffer              | 10 mM PBS                                       |

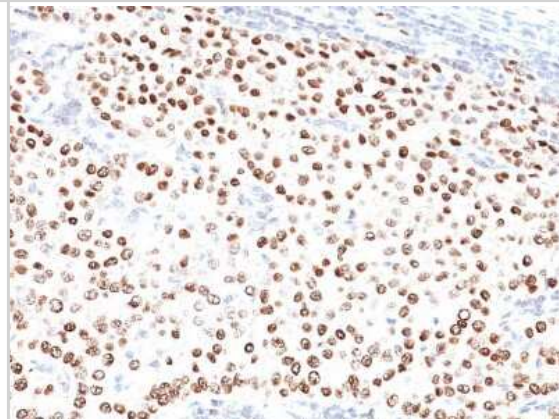
| Product Description     |  |
|-------------------------|--|
| Description             | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-33324).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.   |
| 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. It is excellent for immunohistochemical staining of formalin/paraffin tissues. |
| Immunogen               | Recombinant full-length human Progesterone R/NR3C3 protein (PGR) (Uniprot: P06401 )  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready   |
| Recommended Dilutions       | Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5-1.0ug/ml, CyTOF-ready  |
| Application Notes           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. In Simple Western only 10 - 15 ul of the recommended dilution is used per data point. Separated by Size. |

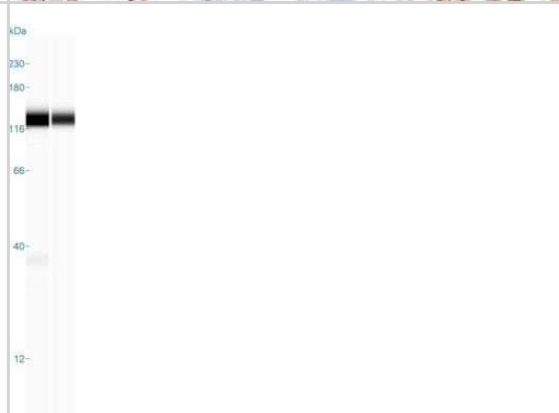


## Images

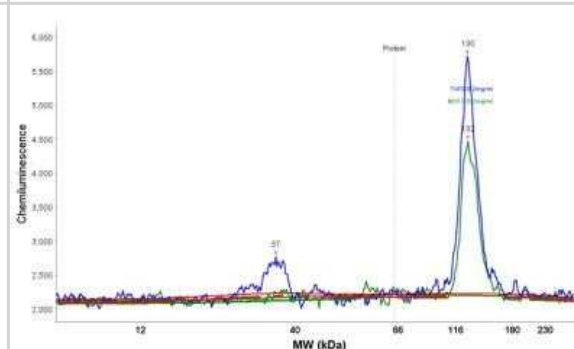
Immunohistochemistry-Paraffin: Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free [NBP2-33325] - Formalin-fixed, paraffin-embedded human breast carcinoma stained with Progesterone R/NR3C3 Mouse Monoclonal Antibody (PR484).



Simple Western: Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free [NBP2-33325] - Simple Western lane view shows a specific band for Progesterone R/NR3C3 in 0.2 mg/ml of T47d (left) and MCF-7 (right) lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Progesterone R/NR3C3 Antibody (PR484) - Azide and BSA Free [NBP2-33325] - Electropherogram image of the corresponding Simple Western lane. Progesterone R/NR3C3 antibody was used at 10 ug/ml dilution of T47d and MCF-7 lysates(s) respectively.



**Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

**Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

**Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

**General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

**Products Related to NBP2-33325-0.1mg**

|                    |   |
|--------------------|---|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]                |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]     |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)               |
| H00005241-Q01-10ug | Recombinant Human Progesterone R/NR3C3 GST (N-Term) Protein |

**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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