

# Product Datasheet

## Androgen R/NR3C4 Antibody (AR441 + DHTR/882) [DyLight 488]

**NBP2-47857G**

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-47857G](http://www.novusbio.com/NBP2-47857G)

Updated 10/23/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-47857G](http://www.novusbio.com/reviews/destination/NBP2-47857G)



**NBP2-47857G**

Androgen R/NR3C4 Antibody (AR441 + DHTR/882) [DyLight 488]

| 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                       | AR441 + DHTR/882  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1 Kappa/IgG1 Kappa   |
| Conjugate                   | DyLight 488   |
| Purity                      | Protein A or G purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 367   |
| Gene Symbol                 | AR  |
| Species                     | Human, Mouse (Negative)   |
| Reactivity Notes            | Does not react with Mouse.  |
| Marker                      | Marker of Androgen Dependence   |
| Specificity/Sensitivity     | Recognizes a protein of 110kDa, which is identified as androgen receptor (AR). It reacts with full length, and the newly described A form of the receptor. It does not cross react with estrogen, progesterone, or glucocorticoid receptors. The expression of AR is reportedly inversely correlated with histologic grade i.e. well differentiated prostate tumors show higher expression than the poorly differentiated tumors. In prostate cancer, AR has been proposed, as a marker of hormone-responsiveness and thus it may be useful in identifying patients likely to benefit from anti-androgen therapy. Anti-androgen receptor has been useful clinically in differentiating morpheaform basal cell carcinoma (mBCC) from desmoplastic trichoepithelioma (DTE) in the skin. This monoclonal antibody is superb for staining of formalin/paraffin tissues. |
| Immunogen                   | A synthetic peptide, aa 302-318 of human Androgen R/NR3C4 (Androgen R/NR3C4441); Recombinant human DHTR protein (DHTR/882) (Uniprot: P10275)  |
| Product Application Details |   |
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-47857G**

---

|                    |   |
|--------------------|---|
| H00000367-Q01-10ug | Recombinant Human Androgen R/NR3C4 GST (N-Term) Protein |
| 236-EG-200         | EGF [Unconjugated]                                      |
| NBP2-69854         | Human Androgen R/NR3C4 ELISA Kit (Chemiluminescence)    |
| NB200-305          | ER beta/NR3A2 Antibody (14C8)                           |

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-47857G](http://www.novusbio.com/reviews/submit/NBP2-47857G)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

