

# Product Datasheet

## ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free NBP2-47797-0.1mg

Unit Size: 0.1 mg

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

[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/NBP2-47797](http://www.novusbio.com/NBP2-47797)

Updated 7/16/2024 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/NBP2-47797](http://www.novusbio.com/reviews/destination/NBP2-47797)



**NBP2-47797-0.1mg**

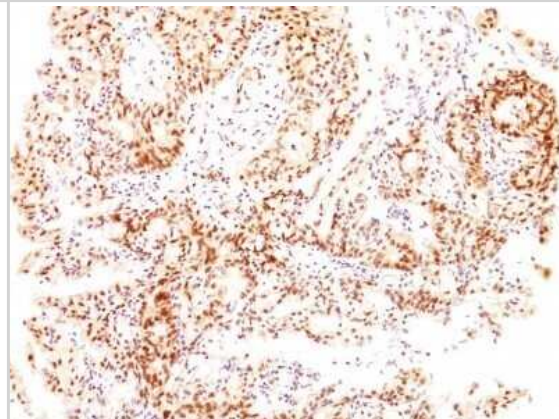
ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free

| 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                       | ESR2/686                                                                                                                                                                                                                                                                                                    |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG2a 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 (NBP2-44366).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.                               |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 2100                                                                                                                                                                                                                                                                                                        |
| Gene Symbol                 | ESR2                                                                                                                                                                                                                                                                                                        |
| Species                     | Human                                                                                                                                                                                                                                                                                                       |
| Immunogen                   | C-terminus fragment of recombinant human ER beta/NR3A2 protein (Uniprot: Q92731)                                                                                                                                                                                                                            |
| Product Application Details |                                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence                                                                                                                                                 |
| Recommended Dilutions       | Western Blot 0.5 - 1.0 ug/ml, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Immunofluorescence 0.5 - 1.0 ug/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. |

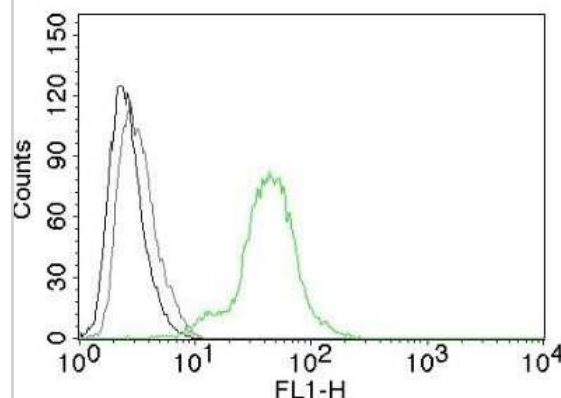


## Images

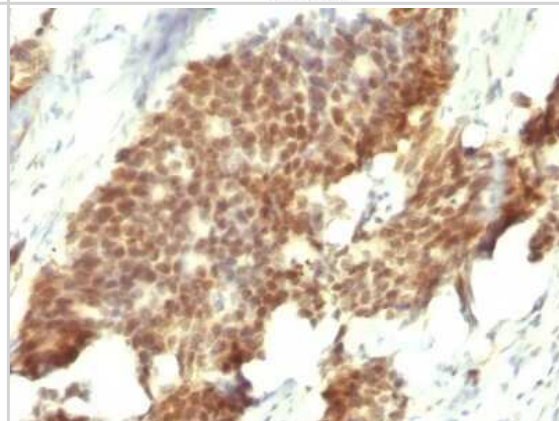
Immunohistochemistry-Paraffin: ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free [NBP2-47797] - Human Ovarian Carcinoma stained with ER-beta1 Monoclonal Antibody (ESR2/686).



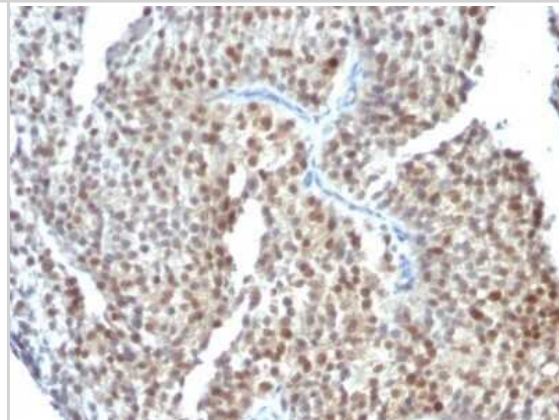
Flow Cytometry: ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free [NBP2-47797] - Flow Cytometry of human ER beta on BT474 cells. Black: cells alone; Grey: Isotype Control; Green: AF488-labeled ER beta/NR3A2 Antibody (ESR2/686).



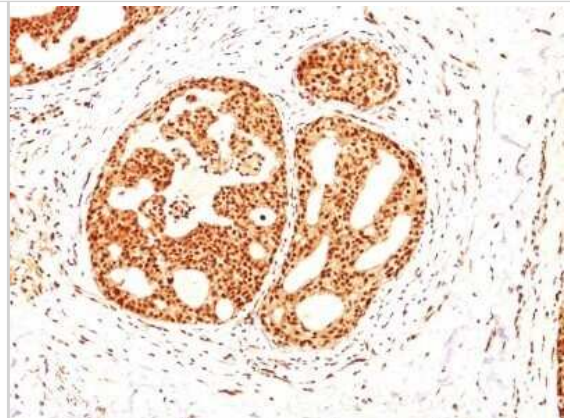
Immunohistochemistry-Paraffin: ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free [NBP2-47797] - Human Gastric Carcinoma stained with ER-beta1 Monoclonal Antibody (ESR2/686).



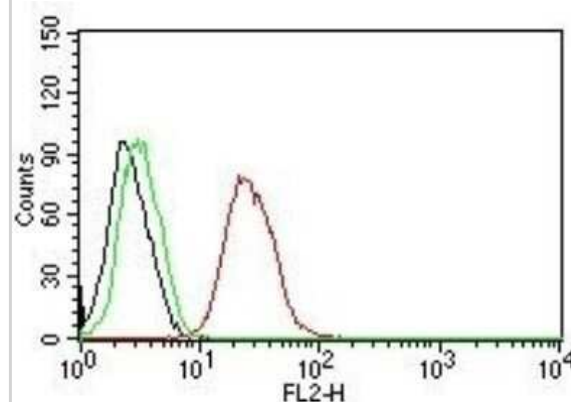
Immunohistochemistry-Paraffin: ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free [NBP2-47797] - Human Bladder Carcinoma stained with ER-beta1 Monoclonal Antibody (ESR2/686).



Immunohistochemistry-Paraffin: ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free [NBP2-47797] - Human Breast Carcinoma stained with ER-beta1 Monoclonal Antibody (ESR2/686).



Flow Cytometry: ER beta/NR3A2 Antibody (ESR2/686) - Azide and BSA Free [NBP2-47797] - Flow Cytometry for human ER-beta on MCF-7 cells. Black: cells alone; Green: Isotype Control; Red: PE-labeled ER beta/NR3A2 Antibody (ESR2/686).





### **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 NBP2-47797-0.1mg**

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| HAF007            | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B           | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg  | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| H00002100-P01-2ug | Recombinant Human ER beta/NR3A2 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.

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/NBP2-47797](http://www.novusbio.com/reviews/submit/NBP2-47797)

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

