

# Product Datasheet

## ER beta/NR3A2 Antibody (6B12) - Azide and BSA Free NB200-304

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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

### Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB200-304](http://www.novusbio.com/NB200-304)

Updated 9/25/2025 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/NB200-304](http://www.novusbio.com/reviews/destination/NB200-304)



**NB200-304**

ER beta/NR3A2 Antibody (6B12) - Azide and BSA Free

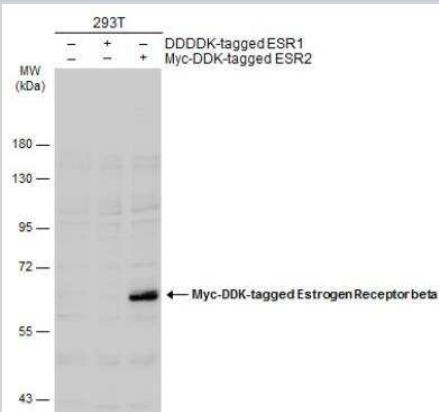
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6B12
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	59 kDa

Product Description	
Description	Novus Biologicals Mouse ER beta/NR3A2 Antibody (6B12) - Azide and BSA Free (NB200-304) is a monoclonal antibody validated for use in IHC and WB. Anti-ER beta/NR3A2 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2100
Gene Symbol	ESR2
Species	Human
Immunogen	Amino acids 1-153 of human ER beta/NR3A2 expressed in E. coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:10 - 1:500
Application Notes	IHC usage reported in scientific literature.

**Images**

Western Blot: ER beta/NR3A2 Antibody (6B12) [NB200-304] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Estrogen Receptor beta antibody [6B12] (NB200-304). The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



## Publications

Dietrich W, Gaba A, Zhegu Z et al. Testosterone dependent androgen receptor stabilization and activation of cell proliferation in primary human myometrial microvascular endothelial cells. *Fertil Steril* 2011-03-01 [PMID: 21130428] (IF/IHC, WB, Human)

Dietrich W, Haitel A, Holzer G et al. Estrogen receptor-beta is the predominant estrogen receptor subtype in normal human synovia. *J Soc Gynecol Investig* 2006-10-01 [PMID: 16990033] (WB, IF/IHC, Human)

Demyanets S, Pfaffenberger S, Kaun C et al. The estrogen metabolite 17beta-dihydroequilenin counteracts interleukin-1alpha induced expression of inflammatory mediators in human endothelial cells in vitro via NF-kappaB pathway. *Thromb Haemost* 2006-01-01 [PMID: 16543969] (IF/IHC, WB, Human)

Tschugguel W, Dietrich W, Zhegu Z et al. Differential regulation of proteasome-dependent estrogen receptor alpha and beta turnover in cultured human uterine artery endothelial cells. *J Clin Endocrinol Metab* 2003-05-01 [PMID: 12727987] (WB, IF/IHC, Human)

Fuchsjager-Mayrl G, Nepp J, Schneeberger C et al. Identification of estrogen and progesterone receptor mRNA expression in the conjunctiva of premenopausal women. *Invest Ophthalmol Vis Sci* 2002-09-01 [PMID: 12202500] (IF/IHC, WB, Human)





### **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 NB200-304**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

---

### **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/NB200-304](http://www.novusbio.com/reviews/submit/NB200-304)

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

