

# Product Datasheet

## ER alpha/NR3A1 Antibody (6A6E8) - BSA Free NBP2-61764

Unit Size: 0.1 ml

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: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-61764](http://www.novusbio.com/NBP2-61764)

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/NBP2-61764](http://www.novusbio.com/reviews/destination/NBP2-61764)



**NBP2-61764**

ER alpha/NR3A1 Antibody (6A6E8) - BSA Free

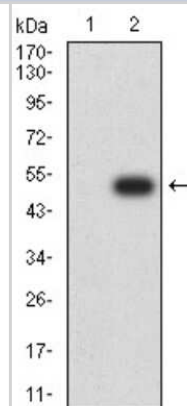
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6A6E8
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	66.2 kDa

Product Description	
Host	Mouse
Gene ID	2099
Gene Symbol	ESR1
Species	Human, Rat
Immunogen	Purified recombinant fragment of human ER alpha/NR3A1 (AA: 2-185) expressed in E. Coli.

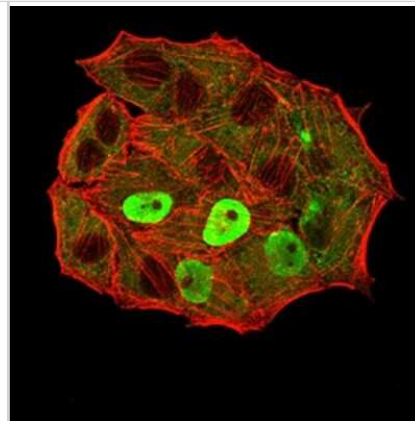
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

**Images**

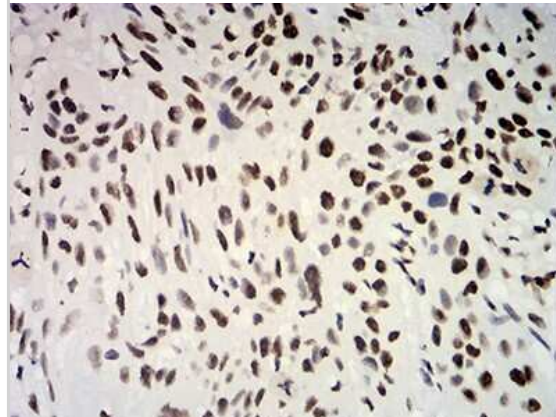
Western Blot: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis using ESR1 mAb against HEK293 (1) and ESR1 (AA: 2-185)-hlgGfc transfected HEK293 (2) cell lysate.



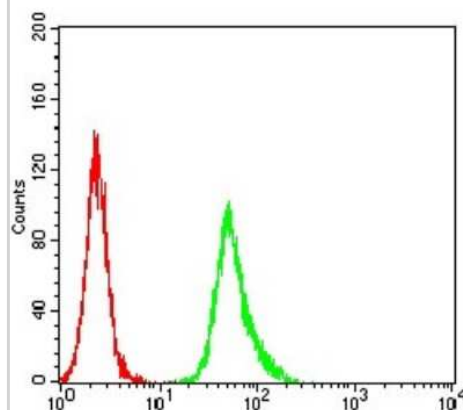
Immunocytochemistry/Immunofluorescence: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis of Hela cells using ESR1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



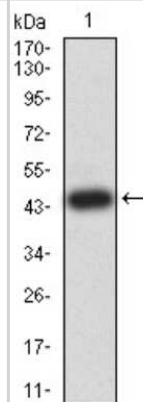
Immunohistochemistry-Paraffin: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis of esophageal cancer tissues using ESR1 mouse mAb with DAB staining.



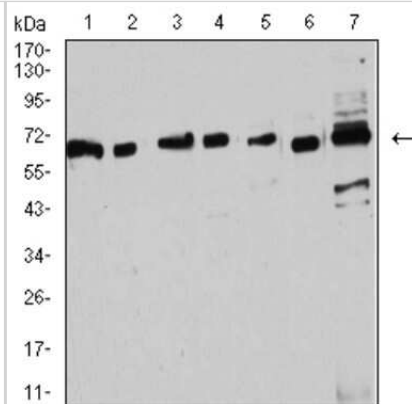
Flow Cytometry: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis of Hela cells using ESR1 mouse mAb (green) and negative control (red).



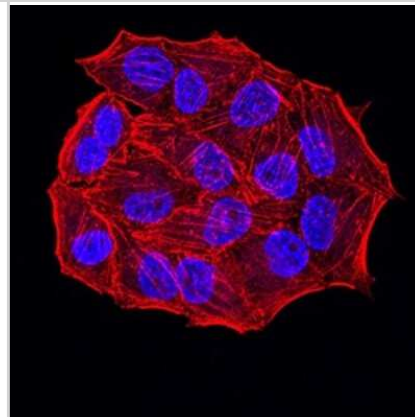
Western Blot: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis using ESR1 mAb against human ESR1 (AA: 2-185) recombinant protein. (Expected MW is 45.8 kDa)



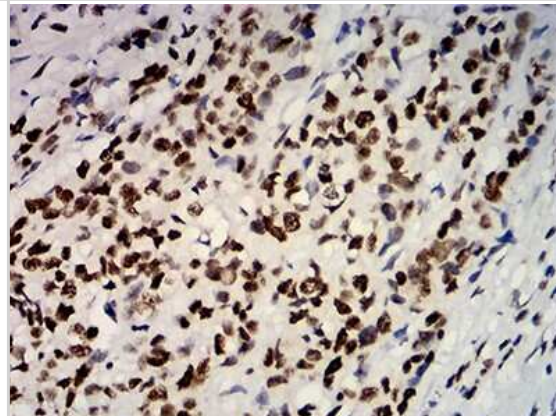
Western Blot: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis using ESR1 mouse mAb against MOLT4 (1), Raji (2), MCF-7 (3), T47D (4), SK-Br-3 (5), HeLa (6), and C6 (7) cell lysate.



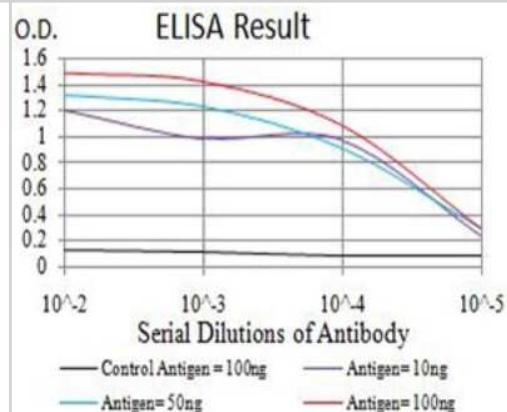
Immunocytochemistry/Immunofluorescence: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis of HeLa cells using ESR1 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunohistochemistry-Paraffin: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Analysis of breast cancer tissues using ESR1 mouse mAb with DAB staining.



ELISA: ER alpha/NR3A1 Antibody (6A6E8) [NBP2-61764] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



## Publications

Gan Y, Hu Q, Li A et al. Estradiol inhibits autophagy of Mycobacterium tuberculosis-infected 16HBE cells and controls the proliferation of intracellular Mycobacterium tuberculosis Molecular medicine reports [PMID: 35425995] (ICC/IF, 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 NBP2-61764**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00002099-Q01-10ug	Recombinant Human ER alpha/NR3A1 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/NBP2-61764](http://www.novusbio.com/reviews/submit/NBP2-61764)

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

