

# Product Datasheet

## ER alpha/NR3A1 Antibody (CL1196) - Azide and BSA Free NBP3-43926

Unit Size: 100 ug

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

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**NBP3-43926**

ER alpha/NR3A1 Antibody (CL1196) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL1196
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

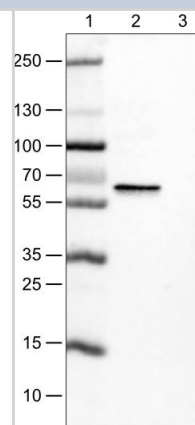
<b>Host</b>	Mouse
<b>Gene ID</b>	2099
<b>Gene Symbol</b>	ESR1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of P03372, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

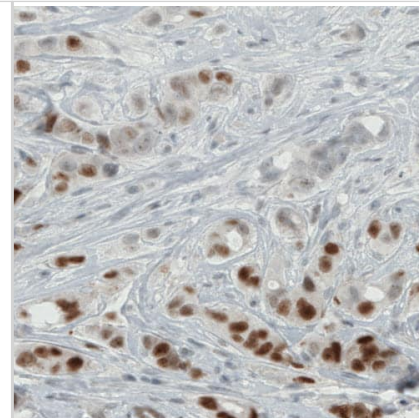
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For Immunocytochemistry/ Immunofluorescence/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

**Images**

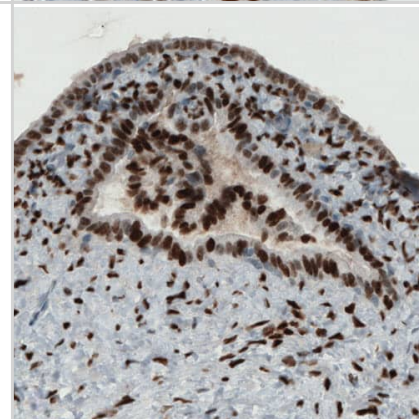
Lane 1: Marker [kDa]  
Lane 2: Human cell line MCF-7  
Lane 3: Human cell line SK-BR-3



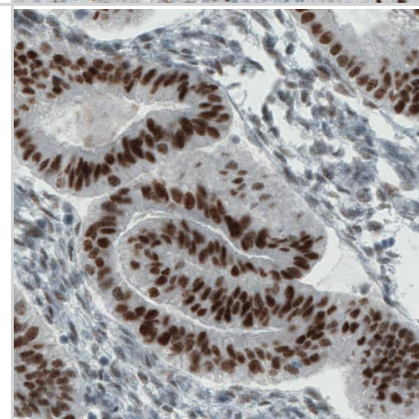
Staining of human breast cancer shows moderate to strong nuclear positivity in a subset of tumor cells.



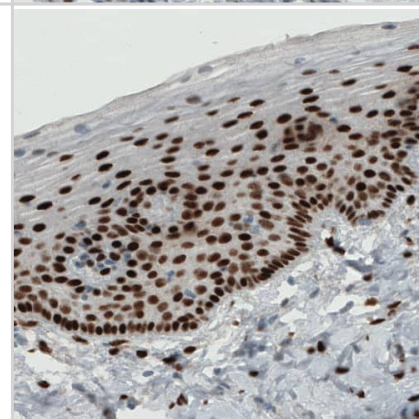
Staining of human fallopian tube shows strong immunoreactivity in epithelial cells.



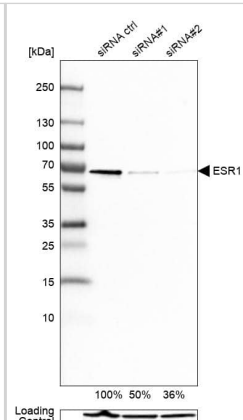
Staining of human endometrium shows strong nuclear immunoreactivity in glandular cells.



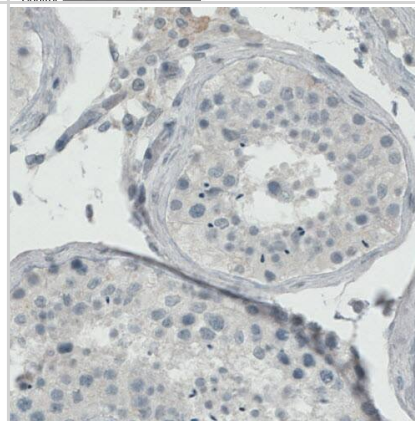
Staining of human cervix shows strong nuclear positivity in epithelial cells.



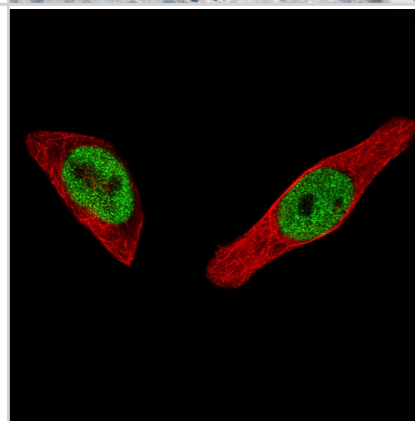
Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ER alpha/NR3A1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Staining of human testis shows absence of immunoreactivity (negative control).



Staining of MCF7 cells using the Anti-ER alpha/NR3A1 monoclonal antibody .





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### **Products Related to NBP3-43926**

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.

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