

# Product Datasheet

## ER alpha/NR3A1 Antibody (CL1196) - BSA Free NBP2-34478

Unit Size: 0.1 ml

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

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**NBP2-34478**

ER alpha/NR3A1 Antibody (CL1196) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

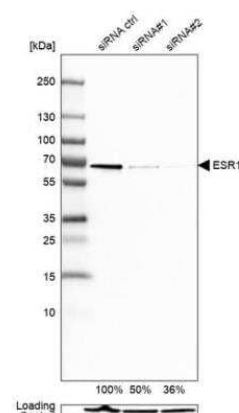
<b>Description</b>	Novus Biologicals Mouse ER alpha/NR3A1 Antibody (CL1196) - BSA Free (NBP2-34478) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2099
<b>Gene Symbol</b>	ESR1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P03372, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

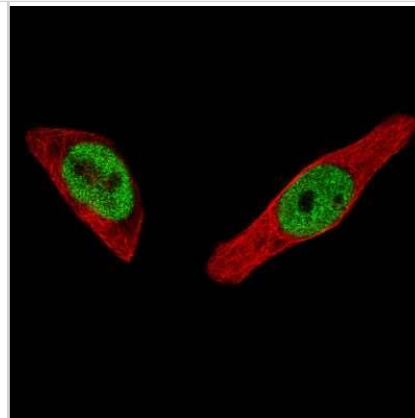
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin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

**Images**

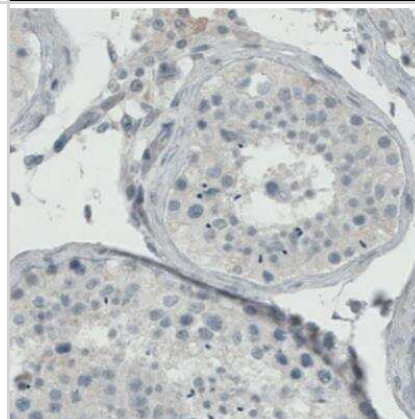
Western Blot: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Analysis in MCF-7 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ESR1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



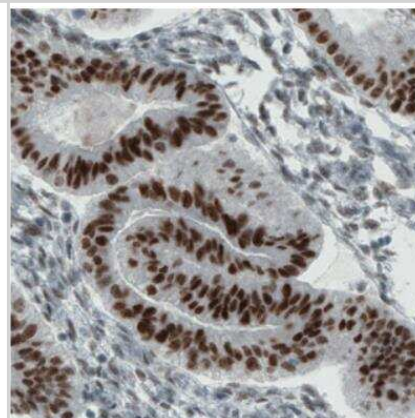
Immunocytochemistry/Immunofluorescence: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Staining of MCF7 cells using the Anti-ESR1 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



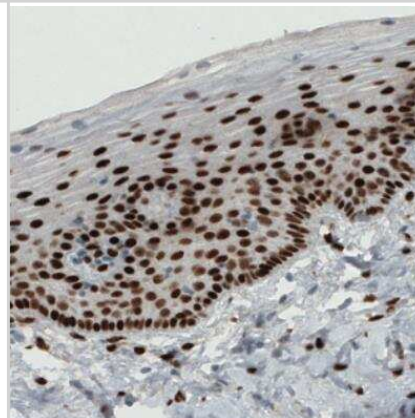
Immunohistochemistry: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Staining of human testis shows absence of immunoreactivity (negative control).



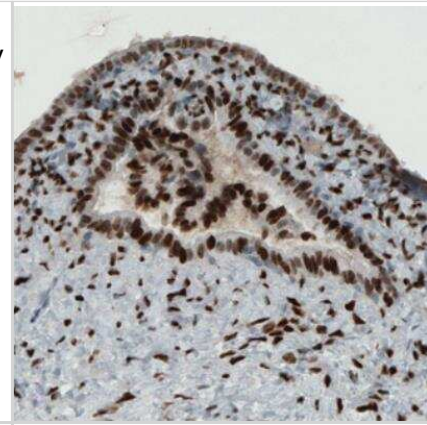
Immunohistochemistry: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Staining of human endometrium shows strong nuclear immunoreactivity in glandular cells.



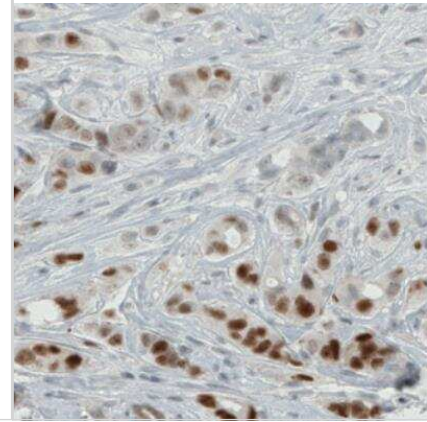
Immunohistochemistry: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Staining of human cervix shows strong nuclear positivity in epithelial cells.



Immunohistochemistry: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Staining of human fallopian tube shows strong immunoreactivity in epithelial cells.



Immunohistochemistry: ER alpha/NR3A1 Antibody (CL1196) [NBP2-34478] - Staining of human breast cancer shows moderate to strong nuclear positivity in a subset of tumor cells.





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### **Products Related to NBP2-34478**

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NBP2-34478PEP	ER alpha/NR3A1 Recombinant Protein Antigen
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)

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### **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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