

# Product Datasheet

## **ER alpha/NR3A1 Antibody (AER314) - Azide and BSA Free NBP2-48012-0.1mg**

Unit Size: 0.1 mg

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

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**NBP2-48012-0.1mg**

ER alpha/NR3A1 Antibody (AER314) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 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>	AER314
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS

**Product Description**

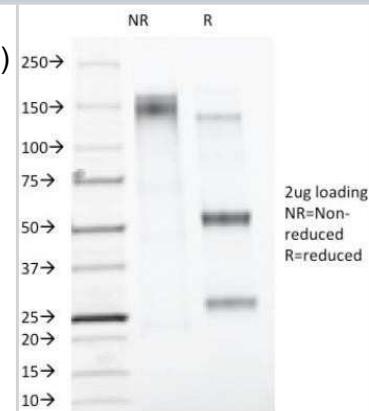
<b>Host</b>	Mouse
<b>Gene ID</b>	2099
<b>Gene Symbol</b>	ESR1
<b>Species</b>	Human, Mouse, Rat, Rabbit
<b>Marker</b>	Marker of Estrogen Dependence
<b>Specificity/Sensitivity</b>	This MAb is specific to ER alpha and shows minimal cross-reaction with other members of the family. Epitope of this MAb is mapped between aa120-170. ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy.
<b>Immunogen</b>	ER purified from cow uterus

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, CyTOF-ready, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunofluorescence 1 - 2 ug/ml, CyTOF-ready
<b>Application Notes</b>	Hu-chromosome location: 6q25.1 Molecular weight of antigen: ~67kDa

**Images**

Western Blot: ER alpha/NR3A1 Antibody (AER314) - Azide and BSA Free [NBP2-48012] - Western Blot: ER alpha/NR3A1 Antibody (AER314) [NBP2-45006]





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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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