

# Product Datasheet

## ER alpha/NR3A1 Antibody (AER314) [DyLight 405] NBP2-48012V

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-48012V**

ER alpha/NR3A1 Antibody (AER314) [DyLight 405]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AER314
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	DyLight 405
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate

**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
<b>Notes</b>	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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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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