

# Product Datasheet

## ER alpha/NR3A1 Antibody (SPM567) - Azide and BSA Free NBP2-34801-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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**NBP2-34801-0.1mg**

ER alpha/NR3A1 Antibody (SPM567) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SPM567
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS

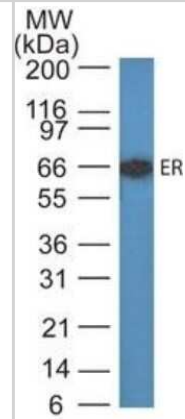
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-32965).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2099
Gene Symbol	ESR1
Species	Human
Marker	Marker of Estrogen Dependence
Specificity/Sensitivity	This monoclonal antibody is specific to ER alpha and shows minimal cross-reaction with other members of the family. 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. This monoclonal antibody is excellent for staining of formalin-fixed, paraffin-embedded breast carcinomas.
Immunogen	Recombinant human ER alpha/NR3A1 protein (aa2-185) (Uniprot: P03372)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.5-1ug/ml, Flow Cytometry Validated for Flow Cytometry from a verified customer review., Immunohistochemistry, Immunohistochemistry-Paraffin 1-2ug/ml
Application Notes	Optimal dilution for a specific application should be determined. Western Blot: 1-2ug/ml for 2 hours at RT.

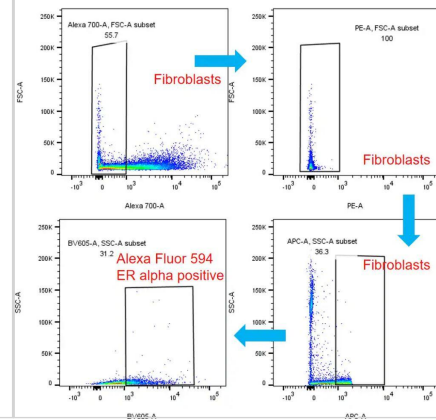


## Images

Western Blot: ER alpha/NR3A1 Antibody (SPM567) - Azide and BSA Free [NBP2-34801] - Western blot analysis of Estrogen Receptor in MCF-7 lysate using Estrogen Receptor Ab (SPM567).



Flow Cytometry: Mouse Monoclonal ER alpha/NR3A1 Antibody (SPM567) - Azide and BSA Free [NBP2-34801] - Analysis using the Alexa Fluor (R) 594 conjugate of NBP2-34801. Clusters of CAF markers were used to identify the fibroblast population in mice tumor model. The ER-alpha expressing patterns in the small group were checked. The Fluor is 594, which was set as BV 605 in BD machine. Image from verified customer review.





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### **Products Related to NBP2-34801-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00002099-Q01-10ug	Recombinant Human ER alpha/NR3A1 GST (N-Term) Protein

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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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