

Product Datasheet

ER alpha/NR3A1 Antibody (EVG F9) NB100-74413

Unit Size: 100uL

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

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NB100-74413

ER alpha/NR3A1 Antibody (EVG F9)

Product Information

Unit Size	100uL
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EVG F9
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	67 kDa

Product Description

Host	Mouse
Gene ID	2099
Gene Symbol	ESR1
Species	Human, Mouse, Rabbit
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 9582378).
Specificity/Sensitivity	Estrogen Receptor alpha (EVG F9)
Immunogen	Mix of synthetic peptides corresponding to residues T(140) V R E A G P P A F Y R P N S(154) & E(247) V G M M K G G I R K D R R G G R(263) of human ER alpha.

Product Application Details

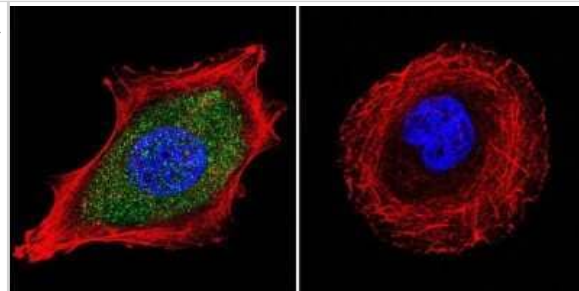
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:200, Immunocytochemistry/ Immunofluorescence 1:100 - 1:200, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:200
Application Notes	WB: Detects an approx. 68 kDa protein representing estrogen receptor alpha in MCF-7 cells, human breast tumors, and rabbit vaginal tissue.

Images

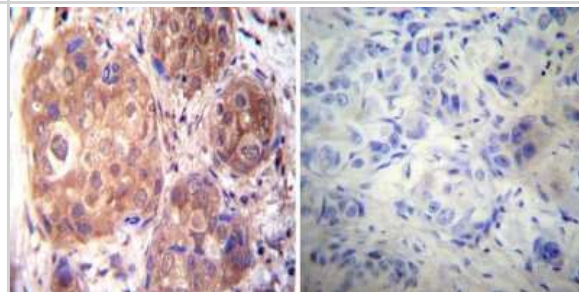
Analysis of various whole cell lysates.



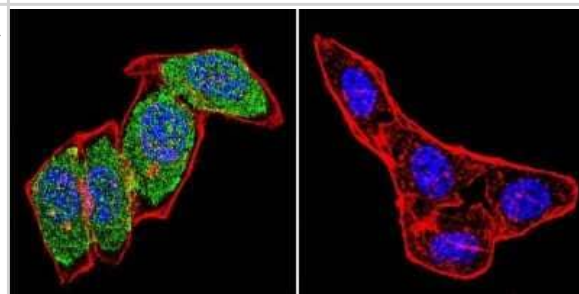
Analysis of Estrogen Receptor alpha using Anti-Estrogen Receptor alpha Monoclonal Antibody (EVG F9) shows staining in U251 Cells. Estrogen Receptor alpha staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Estrogen Receptor alpha at a dilution of 1:200 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



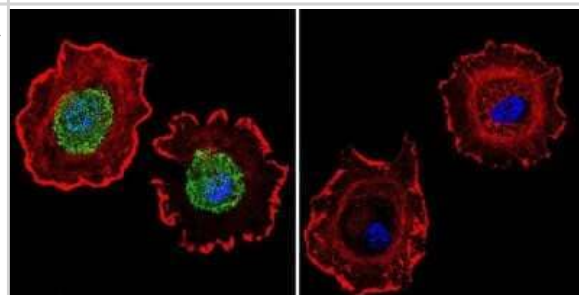
Cancer biopsies of deparaffinized Human breast carcinoma tissues.



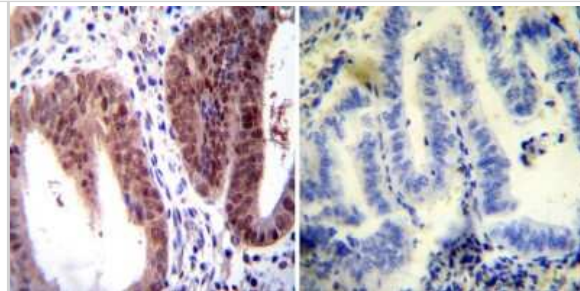
Analysis of Estrogen Receptor alpha using Anti-Estrogen Receptor alpha Monoclonal Antibody (EVG F9) shows staining in Hela Cells. Estrogen Receptor alpha staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Estrogen Receptor alpha at a dilution of 1:100 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated.



Analysis of Estrogen Receptor alpha using Anti-Estrogen Receptor alpha Monoclonal Antibody (EVG F9) shows staining in MCF-7 Cells. Estrogen Receptor alpha staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Estrogen Receptor alpha at a dilution of 1:200 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody.



Normal deparaffinized Human uterus tissue.





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Products Related to NB100-74413

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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