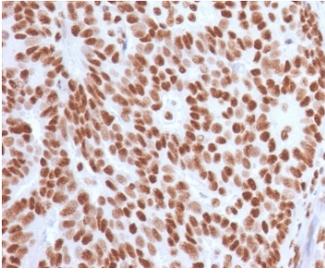


Estrogen Receptor alpha Antibody [clone NR3Ga-4] (V7560)

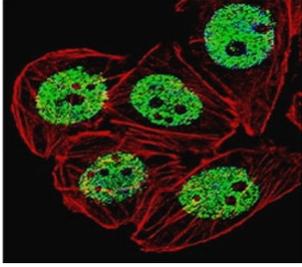
Catalog No.	Formulation	Size
V7560-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7560-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7560SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7560IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

[Bulk quote request](#)

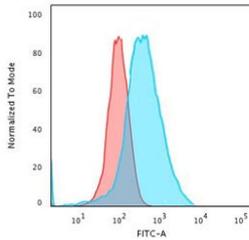
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	NR3Ga-4
Purity	Protein G affinity chromatography
UniProt	P03372
Localization	Nucleus
Applications	Immunofluorescence : 1-2ug/ml Flow Cytometry : 1-2ug/10 ⁶ cells Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1)
Limitations	This Estrogen Receptor alpha antibody is available for research use only.



IHC staining of FFPE human breast carcinoma with Estrogen Receptor alpha antibody (clone NR3Ga-4). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



Immunofluorescence staining of human PFA-fixed MCF-7 cells with Estrogen Receptor alpha antibody (green, clone NR3Ga-4) and Phalloidin (red).



Flow cytometry testing of fixed and permeabilized human MCF-7 cells with Estrogen Receptor alpha antibody (clone NR3Ga-4); Red=isotype control, Blue= Estrogen Receptor alpha antibody.

Description

Estrogen receptor (ER) is an important regulator of growth and differentiation in the mammary gland. ER presence in breast tumors indicates an increased likelihood of response to anti-estrogen therapy.

Application Notes

Optimal dilution of the Estrogen Receptor alpha antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A recombinant human ESR1 protein fragment within amino acids 129-312 was used as the immunogen for the Estrogen Receptor alpha antibody.

Storage

Store the Estrogen Receptor alpha antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

