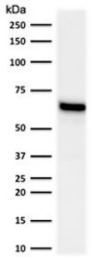
ER alpha Antibody [clone NR3Ga-2] (V3836)

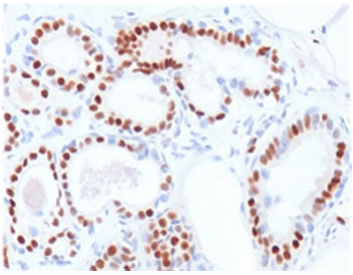
Catalog No.	Formulation	Size
V3836-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3836-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3836SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	NR3Ga-2
Purity	Protein G affinity chromatography
UniProt	P03372
Localization	Nuclear
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This ER alpha antibody is available for research use only.



Western blot testing of human MCF-7 lysate with Estrogen Receptor alpha antibody (clone NR3Ga-2). Expected molecular weight ~67 kDa.



IHC testing of human breast carcinoma stained with ER alpha antibody (clone NR3Ga-2). Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.

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.

For comprehensive detection of Estrogen receptor alpha across hormone signaling and breast cancer studies, see our Estrogen Receptor alpha antibody (clone ESR1/3557).

Application Notes

The optimal dilution of the ER alpha antibody for each application should be determined by the researcher.

Immunogen

Full length human protein was used as the immunogen for this ER alpha antibody.

Storage

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

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