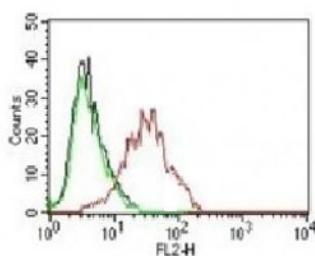


## ER Antibody / Estrogen Receptor alpha [clone NR3Ga-3] (V7061)

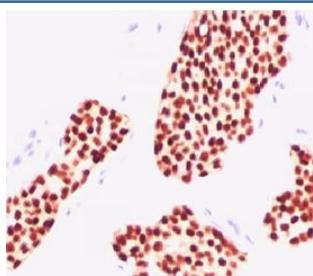
Catalog No.	Formulation	Size
V7061-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7061-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7061SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

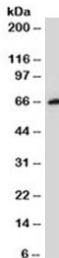
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	NR3Ga-3
Purity	Protein G affinity chromatography
Gene ID	2099
Localization	Intracellular, Nuclear
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-2ug/million cells Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This ER antibody is available for research use only.



FACS testing of human MCF-7 cells: Black=cells alone; Green=isotype control; Red=[PE-conjugated ER antibody](#).



IHC testing of human breast carcinoma stained with Estrogen receptor antibody (NR3Ga-3). FFPE testing requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and cooling at RT for 20 minutes.



Western blot testing of MCF-7 cell lysate with ER antibody (clone NR3Ga-3). Predicted molecular weight of ER alpha: ~66 kDa.

## 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

Variations in protocols, secondaries and substrates may require the ER antibody to be titrated for optimal performance.

## Immunogen

Recombinant human ER alpha protein (aa 2-185) was used as the immunogen.

## Storage

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