

36-3029: Monoclonal Antibody to Estrogen Receptor (Clone: C-71)(Discontinued)

Clonality :	Monoclonal
Clone Name :	C-71
Application :	IHC,FACS
Reactivity :	Human
Gene :	ESR1
Gene ID :	2099
Uniprot ID :	P03372
Format :	Purified
Alternative Name :	ESR1,ESR,NR3A1
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	A partial length recombinant human Estrogen Receptor alpha protein (amino acids 2-185) was used as immunogen for this antibody.

Description

The estrogen receptor (ER) is a ~ 67kDa protein. The estrogen receptor gene consists of more than 140kb of genomic DNA divided into 8 exons, being translated into a protein with six functionally discrete domains, labeled A through F. normal ER function. Many investigators have reported on the isolation of cDNAs which encode variant ER sequences.

Product Info

Amount :	100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Immunohistochemical analysis: 1:25-100; Flowcytometry analysis: 0.5-2 µg/10⁶ cells

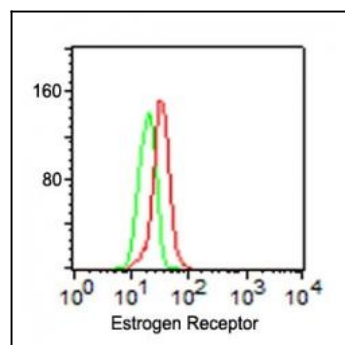


Fig: 1 Intracellular staining of the human breast cancer line MCF7 using Estrogen Receptor antibody (Clone: C-71) at 1µg/10⁶ cells.

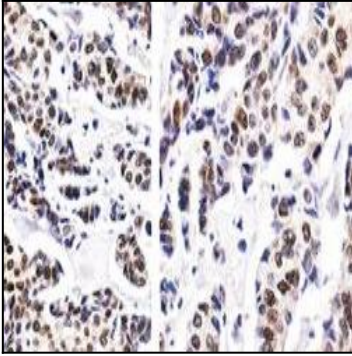


Fig: 2 Immunohistochemical analysis of Estrogen Receptor in human breast invasive ductal carcinoma using Estrogen Receptor antibody (Clone: C-71) at 1: 25 dilution.