ABGENEX Pvt. Ltd., E-5, Infocity, KIIT Post Office, Tel: +91-674-2720712, +91-9437550560 Email: info@abgenex.com Bhubaneswar, Odisha - 751024, INDIA

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

Clonality: Monoclonal

C-71 Clone Name: Application: **IHC.FACS** Reactivity: Human Gene: ESR1 Gene ID: 2099 **Uniprot ID:** P03372

**Alternative Name:** ESR1,ESR,NR3A1 Isotype: Mouse IgG1 Kappa

Purified

A partial length recombinant human Estrogen Receptor alpha protein (amino acids 2-185) was **Immunogen Information:** 

used as immunogen for this antibody.

## **Description**

Format:

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

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

## **Application Note**

Immunohistochemical analysis: 1:25-100; Flowcytometry analysis: 0.5-2 µg/10^6 cells

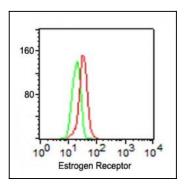


Fig: 1 Intracellular staining of the human breast cancer line MCF7 using Estrogen Receptor antibody (Clone: C-71) at 1µg/10^6 cells.



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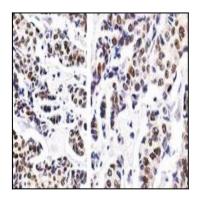


Fig: 2 Immunohistochemical analysis of Estrogen Receptor in human breast invasive ductal carcinoma using Estrogen Receptor antibody (Clone: C-71) at 1: 25 dilution.