

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 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  $\sim$  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:  $100 \mu g$ 

**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/10<sup>6</sup> cells

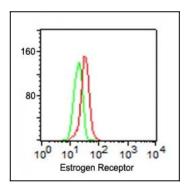


Fig: 1 Intracellular staining of the human breast cancer line MCF7 using Estrogen Receptor antibody (Clone: C-71) at  $1\mu g/10^6$  cells.



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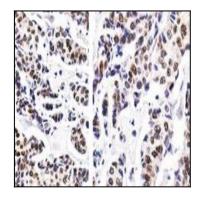


Fig: 2 Immunohistochemical analysis of Estrogen Receptor in human breast invasive ductal carcinoma using Estrogen Receptor antibody (Clone: C-71) at 1: 25 dilution.