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36-3028: Monoclonal Antibody to Estrogen Receptor (Clone: C-70)(Discontinued)

Clonality :	Monoclonal
Clone Name :	C-70
Application :	IHC,WB
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

Western blot analysis: 2-4 µg/ml; Immunohistochemical analysis: 1:25-1:100

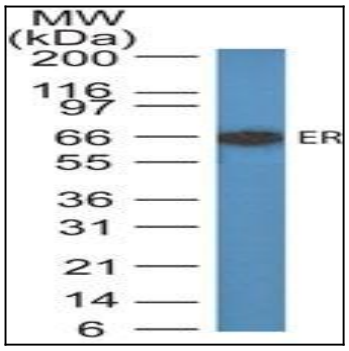


Fig: 1 Western blot analysis of Estrogen Receptor. Anti-ER antibody (Clone: C-70) was used at 2 µg/ml in MCF-7 (human breast cancer) lysate.

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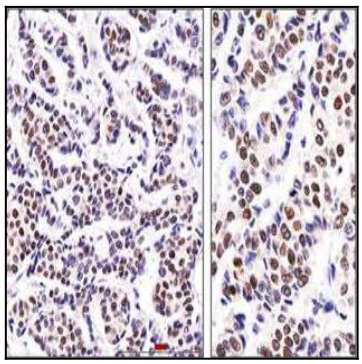


Fig: 2 Immunohistochemical analysis of Estrogen Receptor in human breast invasive ductal carcinoma using Estrogen Receptor antibody (Clone: C-70) at 1: 25 dilution.

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