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36-1111: Monoclonal Antibody to Estrogen Receptor (Marker of Estrogen Dependence)(Clone : SPM567)

Clonality: Monoclonal SPM567 **Clone Name:** Application: WB Reactivity: Human Gene: ESR1 Gene ID: 2099 **Uniprot ID:** P03372 Format: Purified

Alternative Name: ESR1,ESR,NR3A1
Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human Estrogen Receptor alpha protein (aa2-185)

Description

This MAb is specific to ER alpha and shows minimal cross-reaction with other members of the family. ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy. This MAb is excellent for staining of formalin-fixed, paraffinembedded breast carcinomas.

Product Info

Amount: $100 \mu g$

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

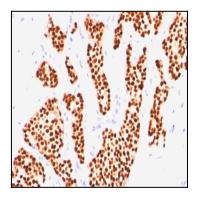
toxic.

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 (1-2ug/ml for 2 hours at Room Temp);

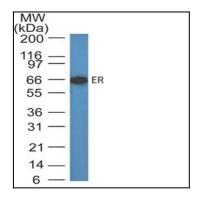


Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Estrogen Receptor Monoclonal Antibody (SPM567).



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Western Blot of Estrogen Receptor in MCF-7 Lysate using Estrogen Receptor Ab (SPM567).