
Estrogen Receptor (Clone SP1) Rabbit Monoclonal Antibody

Specificity: Human, Mouse, and Hamster

Immunogen: C-terminus of human estrogen receptor

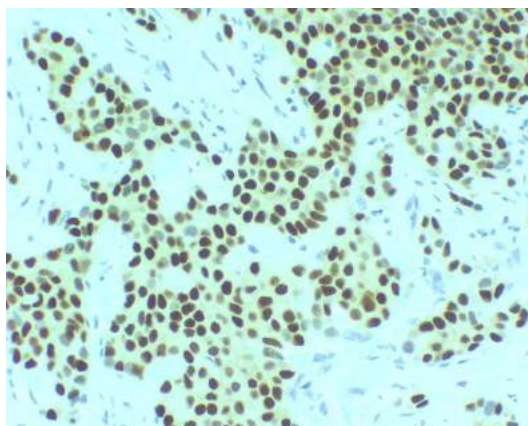
Ig Class: Rabbit IgG

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:200; *Positive Control:* Breast carcinoma. *Cellular Localization:* Nuclear. *Intended Use:* In vitro diagnosis (IVD).

Application: Recognizes a protein of 67kDa, which is identified as estrogen receptor (ER) alpha. The ER 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. This antibody strongly stains the nucleus of epithelial cells in breast carcinomas. The 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 antiestrogen (e.g. tamoxifen) therapy.

Supplied As: Tissue culture supernatant with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human breast carcinoma stained with anti-estrogen receptor antibody using peroxidase-conjugate and DAB chromogen. Note nuclear staining of carcinoma cells

Cat. #Z2021RS (1.0 ml)

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