BACKGROUND

The human estrogen receptor has a molecular weight of 67 kDa and consists of 6 functional domains (domains A-F). Functional mapping of the estrogen receptor has determined a transcriptional promoting activity in the A/B domain. The hormone-binding domain (E domain) is located towards the carboxy terminal, whereas the DNA-binding domain (C domain) is found in the central portion of the molecule. It has been speculated that the presence in breast cancer cells of truncated forms of the estrogen receptor lacking the hormone-binding domain might promote the uncontrolled growth of the tumor.

IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from mice immunized with purified estrogen receptors from calf uterus and mouse myeloma cells.

POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTs

Antibody can be used for staining of human and mouse frozen and paraffin tissue sections. Optimal concentration should be evaluated by serial dilutions. Other Applications: Immunoprecipitation, Western Blotting, ELISA.
**PURIFICATION**
Protein A/G Chromatography

**SHIP CONDITIONS**
Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**
Product should be stored at -20ºC. Aliquot to avoid freeze/thaw cycles

**STABILITY**
Products are stable for one year from purchase when stored properly

**REFERENCES**


**PRODUCT SPECIFIC REFERENCES**

