

Rabbit anti-ESTROGEN RECEPTOR, clone ZR2 (Monoclonal)

Clone no. ZR2

MONOSAN

Product name	Rabbit anti-ESTROGEN RECEPTOR, clone ZR2 (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:300)
Species reactivity	Human
Conjugate	-
Immunogen	A synthetic peptide corresponding to residues on the C-terminus of human ER- α
Isotype	IgG
Clonality	Monoclonal
Clone number	ZR2
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tissue culture supernatant with 0.2% BSA and 15mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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.

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended. Control tissue Breast carcinoma. Staining nuclear.

References

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3. -
4. -
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