

Rabbit anti-Estrogen Receptor alpha antibody, clone SQab1889 (monoclonal)

Clone no. SQab1889

MONOSAN

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Product name	Rabbit anti-Estrogen Receptor alpha antibody, clone SQab1889 (monoclonal)
Host	Rabbit
Applications	ICC/IF, IHC-P
Species reactivity	Human
Conjugate	-
Immunogen	Synthetic peptide around the C-terminus of Human ER alpha.
Isotype	-
Clonality	Monoclonal
Clone number	SQab1889
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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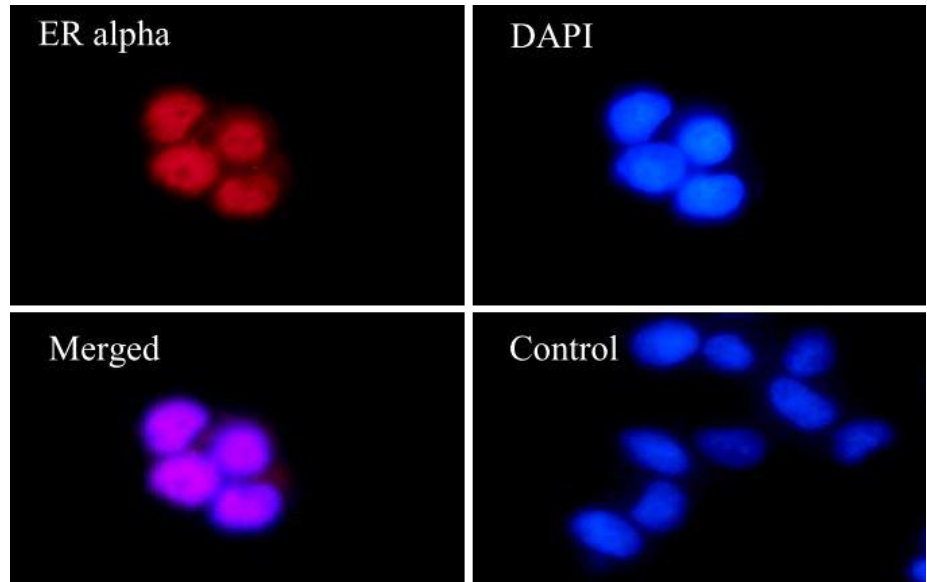
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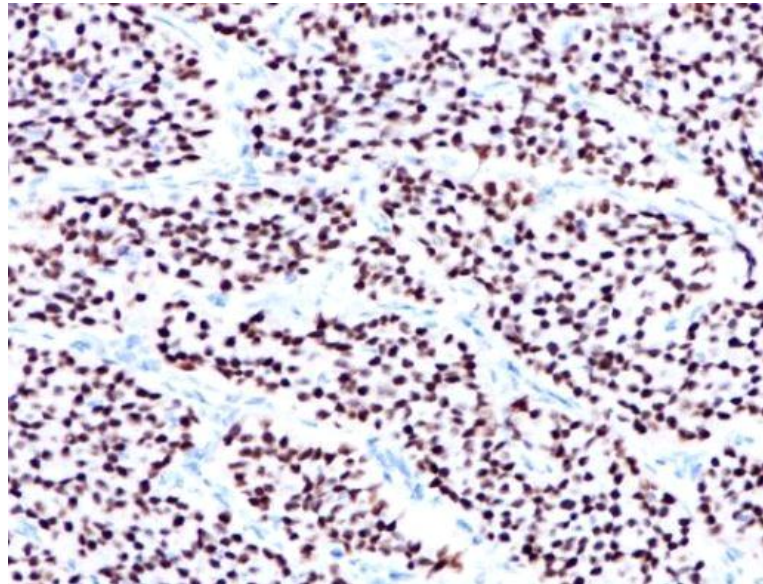
**Additional info**

Application note: IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0)\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription. The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2. Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone. Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis. Alternative promoter usage and alternative splicing result in dozens of transcript variants, but the full-length nature of many of these variants has not been determined. [provided by RefSeq, Mar 2014]

Images



Immunofluorescence: MCF-7 cells fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% Goat serum for half an hour at room temperature. Samples were stained with anti-Estrogen Receptor alpha



Immunohistochemistry: Formalin-fixed and paraffin-embedded ER+ breast cancer tissue stained with anti-Estrogen Receptor alpha antibody [SQab1889] at 1:100 dilution. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0).

References

1. -
2. -
3. -
4. -
5. -

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