

Estrogen Receptor alpha antibody [HL1081]

Cat. No. GTX636202

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Human, Dog

Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW	66 kDa. (Note)
Product Note	This antibody is specific for human Estrogen Receptor alpha protein, and it does not cross-react with human Estrogen Receptor beta protein.

PROPERTIES

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human Estrogen Receptor alpha. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

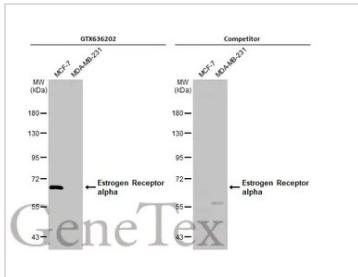


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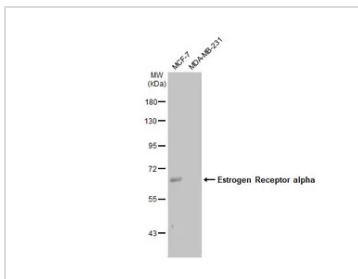
Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

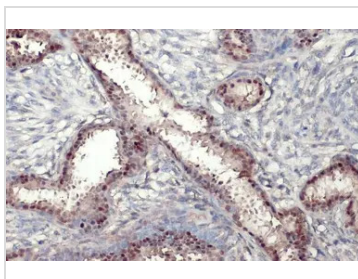
DATA IMAGES

GTX636202 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membranes were blotted with Estrogen Receptor alpha antibody [HL1081] (GTX636202) diluted at 1:1000 and competitor's antibody (Competitor) diluted at 1:100. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.

*The competitor is not affiliated with GeneTex and does not endorse this product.


GTX636202 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Estrogen Receptor alpha antibody [HL1081] (GTX636202) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

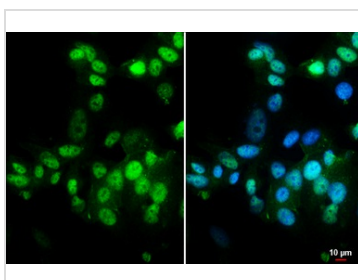

GTX636202 IHC-P Image

Estrogen Receptor alpha antibody [HL1081] detects Estrogen Receptor alpha protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded human breast carcinoma.

Estrogen Receptor alpha stained by Estrogen Receptor alpha antibody [HL1081] (GTX636202) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX636202 ICC/IF Image

Estrogen Receptor alpha antibody [HL1081] detects Estrogen Receptor alpha protein at nucleus by immunofluorescent analysis.

Sample: MCF-7 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Estrogen Receptor alpha stained by Estrogen Receptor alpha antibody [HL1081] (GTX636202) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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