

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](#)) This antibody is specific for human Estrogen Receptor alpha protein, and it does not cross-react with

Product Note 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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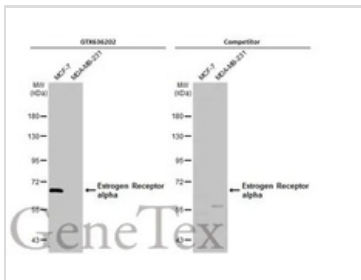
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Note

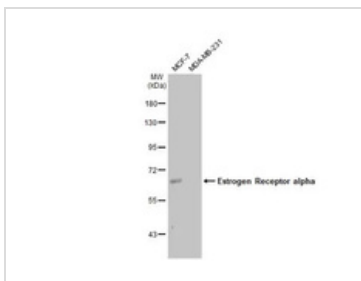
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DATA IMAGES



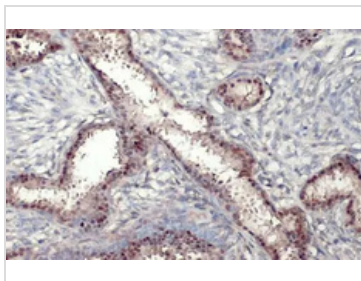
GTX636202 WB Image

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.



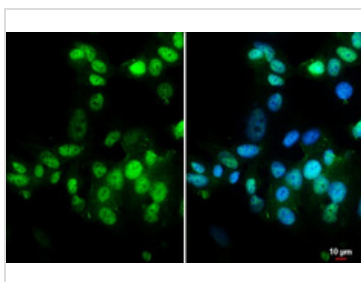
GTX636202 WB Image

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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