

Estrogen Receptor alpha antibody [ESR1/1935]

Cat. No. GTX17904

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, IHC-P, Protein Array
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1-2µg/ml
IHC-P	1-2µg/ml for 30 minutes at RT
Protein Array	Assay dependent

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Calculated MW	66 kDa. (Note)
Product Note	This monoclonal antibody is specific to estrogen receptor alpha (ER alpha) and shows minimal cross-reaction with other members of the family.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant full-length human Estrogen Receptor alpha protein
Purification	Protein A/G purified
Conjugation	Unconjugated

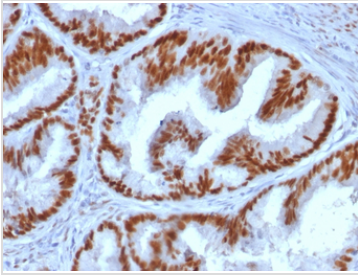


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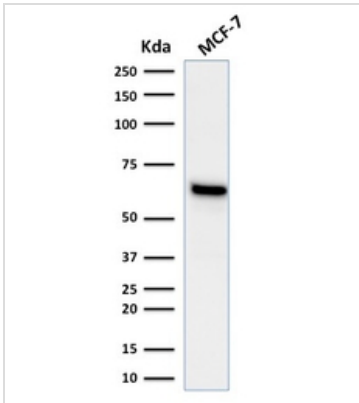
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Note

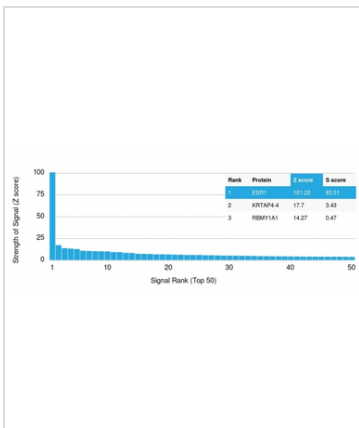
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DATA IMAGES

GTx17904 IHC-P Image

IHC-P analysis of human endometrial carcinoma tissue using GTx17904 Estrogen Receptor alpha antibody [ESR1/1935].


GTx17904 WB Image

WB analysis of MCF-7 cell lysate using GTx17904 Estrogen Receptor alpha antibody [ESR1/1935].


GTx17904 Protein Array Image

Analysis of Protein Array containing more than 19,000 full-length human proteins using Estrogen Receptor alpha Mouse Monoclonal Antibody (ESR1/1935). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



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