

## Estrogen Receptor alpha antibody [1F3]

**Cat. No. GTX70171**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, IHC-Fr, FCM, IP
<b>Reactivity</b>	Human, Rabbit

References ( 7 )  
 Package  
 100 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	1 - 5 µg/ml

Not tested in other applications.

**Observed MW (kDa)** 66 kDa.

**Product Note** This antibody is specific for ER alpha protein, and it does not cross react with ER beta protein.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1.56 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	The region encoding amino acids 1-190 expressed in E. coli.
<b>Purification</b>	Protein G purified From tissue culture supernatant
<b>Conjugation</b>	Unconjugated



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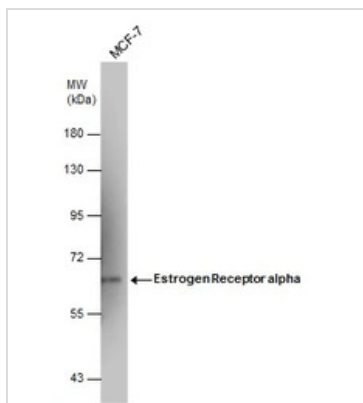
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

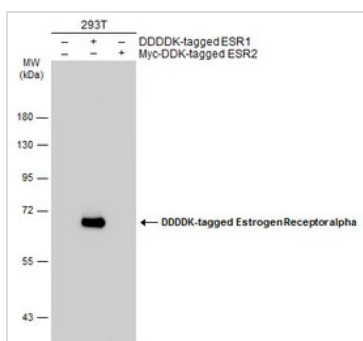
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DATA IMAGES



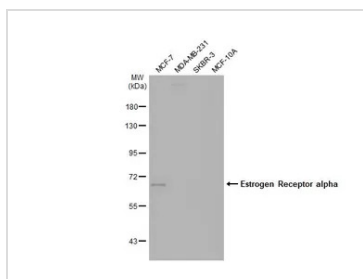
**GTX70171 WB Image**

Whole cell extract (60 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Estrogen Receptor alpha antibody (GTX70171) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate (GTX14698).



**GTX70171 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Estrogen Receptor alpha antibody [1F3] (GTX70171) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



**GTX70171 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 [1F3] (GTX70171) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody. The observed expression level is based on the publication: PMID: 24724101



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