

Estrogen Receptor alpha antibody [1F3]

Cat. No. GTX70171

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IHC-Fr, FCM, IP
Reactivity	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.

Calculated MW 66 kDa. ([Note](#))

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

Properties

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



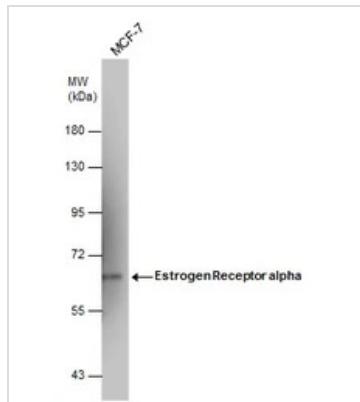
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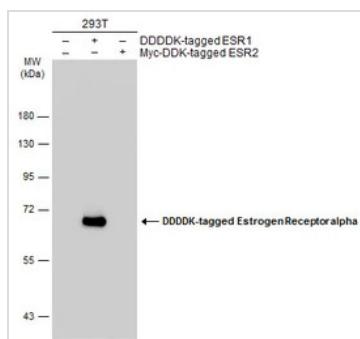
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Note

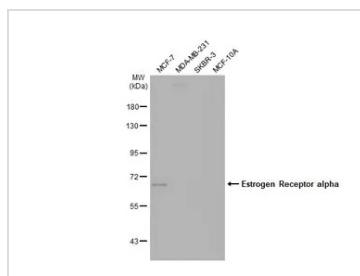
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DATA IMAGES**GTx70171 WB Image**

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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