

Estrogen Receptor α Rabbit mAb (AR1330)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, ELISA
Isotype:	IgG, Kappa
MW:	66kD (Calculated) 66kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

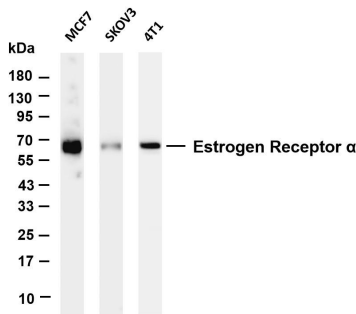
Gene name	Estrogen receptor (ER) (ER-alpha) (Estradiol receptor) (Nuclear receptor subfamily 3 group A member 1)
Protein Name	Estrogen receptor (ER) (ER-alpha) (Estradiol receptor) (Nuclear receptor subfamily 3 group A member 1)

Organism	Gene ID	UniProt ID
Human	2099	P03372
Mouse	13982	P19785
Rat	24890	P06211

Cellular Localization	Nucleus
Tissue specificity	Widely expressed (PubMed:10970861). Not expressed in the pituitary gland (PubMed:10970861); [Isoform 3]: Widely expressed,

however not expressed in the pituitary gland.

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- Estrogen Receptor α antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

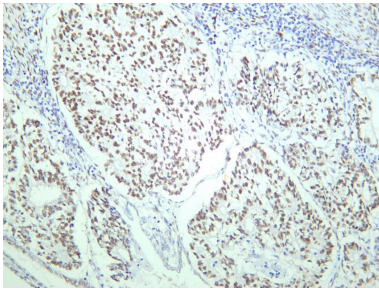
Lane 1: MCF7

Lane 2: SKOV3

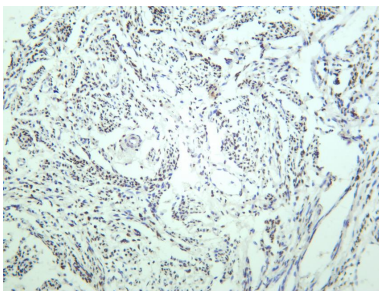
Lane 3: 4T1

Predicted band size: 66kDa

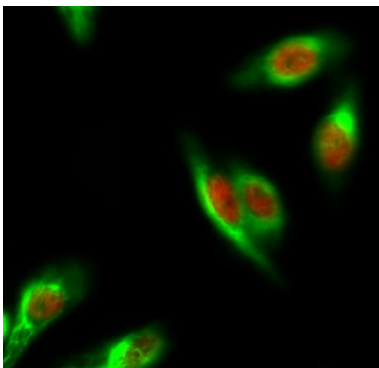
Observed band size: 66kDa



Human ovary carcinoma was stained with anti-Estrogen Receptor α rabbit antibody



Human breast carcinoma was stained with anti-Estrogen Receptor α rabbit antibody



Immunofluorescence analysis of HeLa cell.

1. ER α Monoclonal Antibody(red) was diluted at 1:200(4 ° overnight). Caspase-8 Monoclonal Antibody(2G12) (green) was diluted at 1:200(4° overnight).
2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).

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