

## ER alpha Rabbit mAb

Catalog No: #58549

Package Size: #58549-1 50ul #58549-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

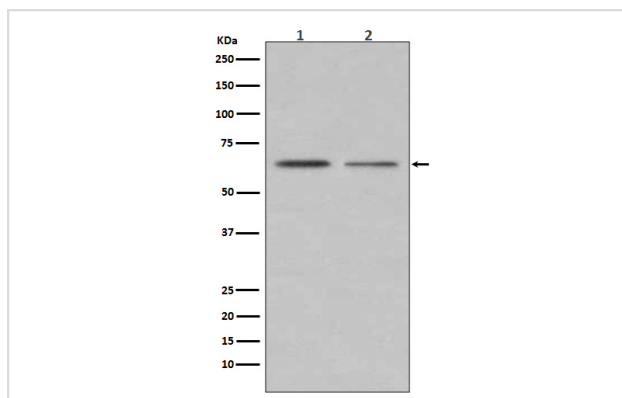
## Description

Product Name	ER alpha Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF CHIP FC
Species Reactivity	Human Mouse Rat Dog
Specificity	ER alpha Antibody detects endogenous levels of total ER alpha
Immunogen Description	A synthesized peptide derived from human ER alpha
Other Names	ER; ESR; ESR1; Era; ESRA; NR3A1;
Accession No.	Uniprot:P03372
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

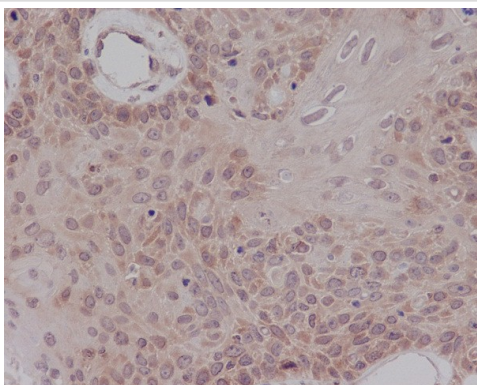
## Application Details

WB 1:500~1:2000 IHC 1:50~1:100 ICC/IF 1:50~1:100 CHIP 5 ?g/30 ?g FC 1:30

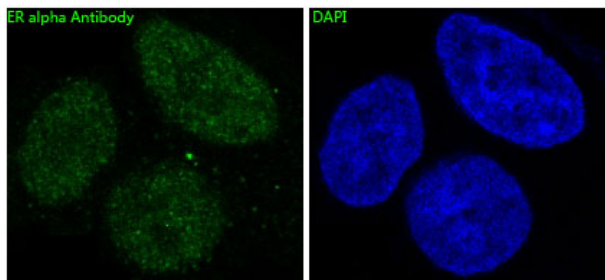
## Images



Western blot analysis of ER alpha expression in (1) MCF7 cell lysate; (2) T47-D cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervix carcinoma, using ER alpha Antibody.



Immunofluorescent analysis of MCF7 cells, using ER alpha Antibody .

## Product Description

ER (estrogen receptor 1) a member of the steroid receptor superfamily, contains highly conserved DNA binding (DBD) and ligand binding domains (LBD). Through its estrogen-independent and estrogen-dependent activation domains (AF-1 and AF-2, respectively), ER regulates transcription by recruiting coactivator proteins and interacting with general transcriptional machinery. Phosphorylation provides an important mechanism to regulate ER activity. ER is phosphorylated on multiple sites.

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**Note:** This product is for in vitro research use only