ER alpha (Phospho-Ser118) Rabbit mAb

Catalog No: #14181

Package Size: #14181-1 50ul #14181-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	ER alpha (Phospho-Ser118) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	Phospho-ER alpha (S118) Antibody detects endogenous levels of Phospho-ER alpha (S118)
Immunogen Description	A synthesized peptide derived from human ER alpha
Other Names	ESR1; Era; Eralpha; Estrogen receptor; Estradiol receptor; ER-alpha; Estrogen receptor 1; NR3A1; ER; ESR; ESRA; Estrogen receptor alpha;
Accession No.	Uniprot:P03372
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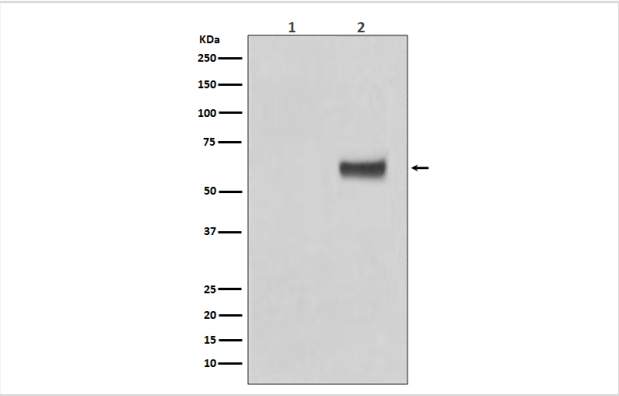
Calculated MW	66kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

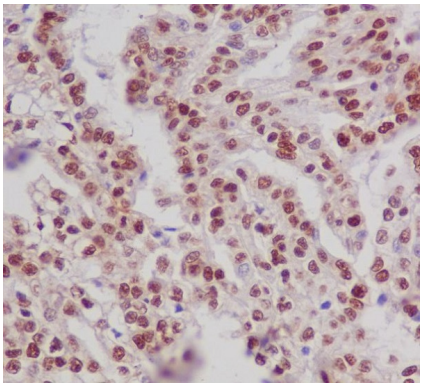
Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200

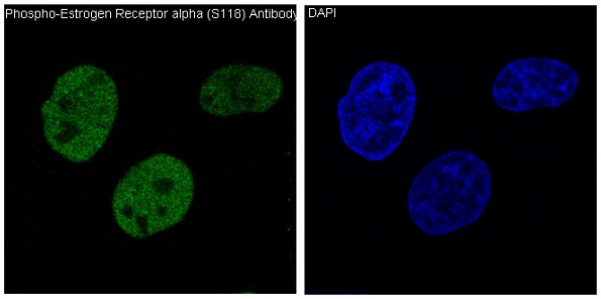
Images



Western blot analysis of Phospho-ER alpha (S118) expression in (1) MCF7 cell lysate; (2) MCF7 cell lysate treated with b-Estradiol and EGF.



Immunohistochemical analysis of paraffin-embedded human kidney, using Phospho-ER alpha (S118) Antibody.



Immunofluorescent analysis of MCF7 cells treated with EGF, using Phospho-ER alpha (S118) Antibody.

Product Description

Estrogen receptor α (ERα), 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), ERα regulates transcription by recruiting coactivator proteins and interacting with general transcriptional machinery. Phosphorylation provides an important mechanism to regulate ERα activity. ERα is phosphorylated on multiple sites.

Note: This product is for in vitro research use only