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

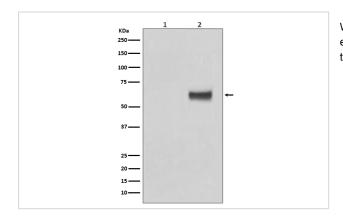
_			40	
	esci	าเก	tic	۱n
$\boldsymbol{ u}$	COU	пρ	uc	ш

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	
Uniprot	P03372	
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 +4 Λ C short term. Store at -20 Λ C long term. Avoid freeze / thaw cycle.	

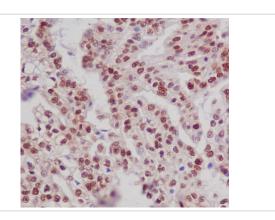
Application Details

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

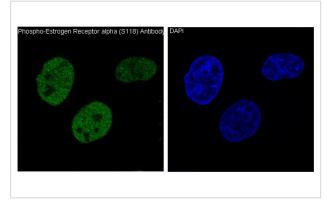
Images



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

Note: This product is for in vitro research use only