Anti-Phospho-Estrogen Receptor alpha (Ser167) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011016

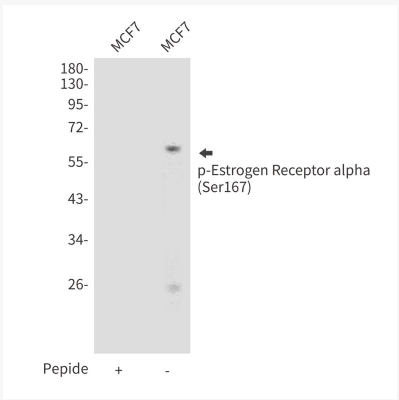
Product Information

Application	ELISA, ICC/IF (Cell), WB, IHC-P/IF (Tissue-P)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ICC 1:100~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human ESR1
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Estrogen Receptor alpha (Ser167) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

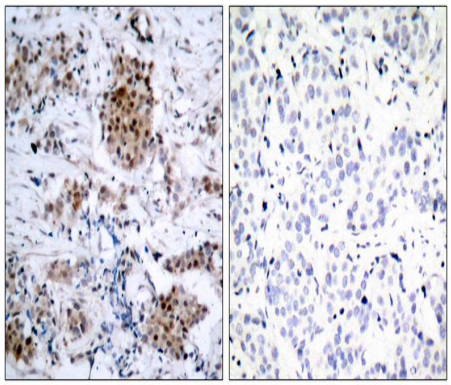
Protein Information

Synonyms	ESR1, Era, Eralpha, Estrogen receptor, Estradiol receptor, ER-alpha, Estrogen receptor 1, NR3A1, ER, ESR, ESRA, Estrogen receptor alpha.
Calculated MW	Calculated MW: 66 kDa; Observed MW: 66 kDa
Uniprot ID	P03372
Gene ID	2099
Background	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.

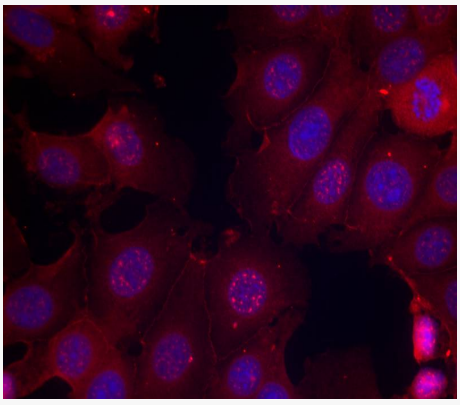
Validation Images



Western blot analysis of Phospho-Estrogen Receptor alpha (Ser167) in MCF-7 lysates using Phospho-Estrogen Receptor alpha (Ser167) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using Estrogen Receptora(Phospho-Ser167) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-Estrogen Receptor alpha (Ser167) in MCF-7 cells using Estrogen Receptora (Phospho-Ser167) antibody (red) .