Estrogen Receptor-α (Phospho-Ser104) Antibody

#11070

Catalog Number: 11070-1, 11070-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. :P03372

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human Estrogen Receptor-α around the phosphorylation site of serine 104 (S-V-S^{P}-P-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site

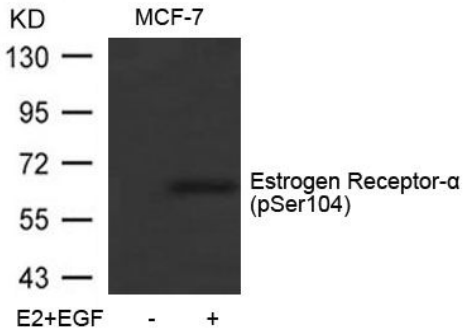
Specificity/Sensitivity: Estrogen Receptor-α (phospho-Ser104) antibody detects endogenous levels of Estrogen Receptor-α only when phosphorylated at serine 104.

Reactivity: Human,Mouse

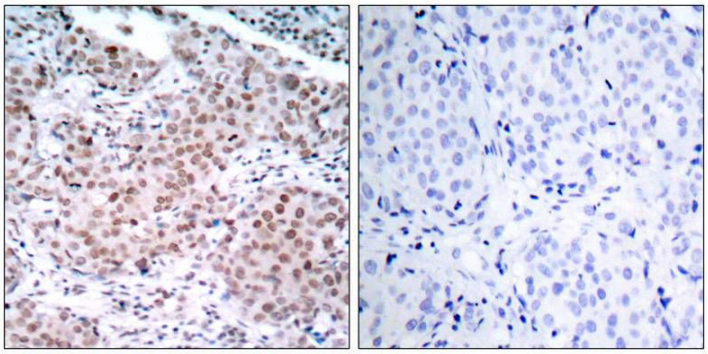
Applications:

Predicted MW: 66 kd

WB: 1:500~1:1000 IHC:1:50~1:100



Western blot analysis of extracts from MCF-7 cells untreated or treated with E2 and EGF using Estrogen Receptor-a(Phospho-Ser104) Antibody #11070



Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using Estrogen Receptor-α (phospho-Ser104) antibody (#11070).

Background :

Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues.

References:

Medunjanin S, et al. (2005). J Biol Chem.80 (38):33006-33014.
Dutertre M, et al. (2003). Mol Endocrinol.17 (7): 1296-1314.
Chen D, et al. (2000). Mol Cell.6 (1): 127-137.
Rogatsky I, et al. (1999). J Biol Chem.274 (32): 22296-22302.