



Estrogen Receptor- α (Phospho-Ser167) Antibody

#11073

Catalog Number: 11073-1, 11073-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

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°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human Estrogen Receptor- α around the phosphorylation site of serine 167 (L-A-S_P-T-N).

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

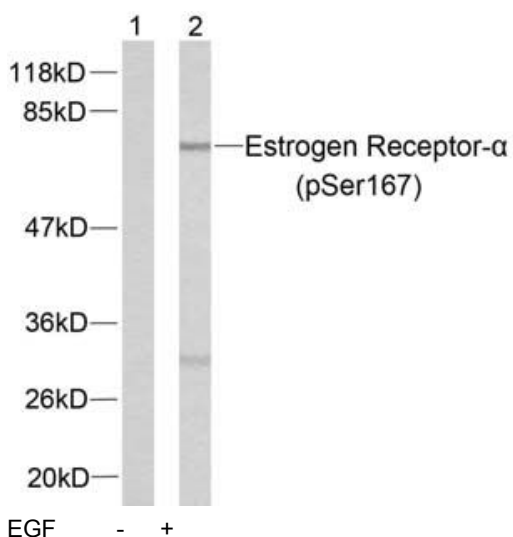
Specificity/Sensitivity: Estrogen Receptor- α (phospho-Ser167) antibody detects endogenous levels of Estrogen Receptor- α only when phosphorylated at serine 167.

Reactivity: Human, Mouse

Applications:

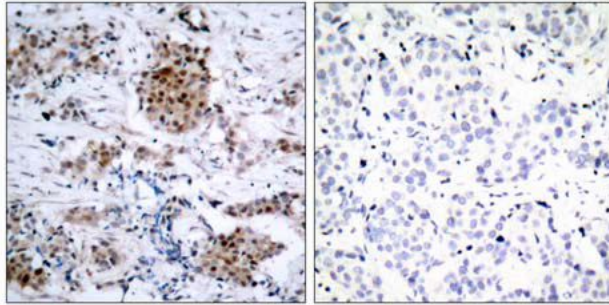
Predicted MW: 66 kd

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

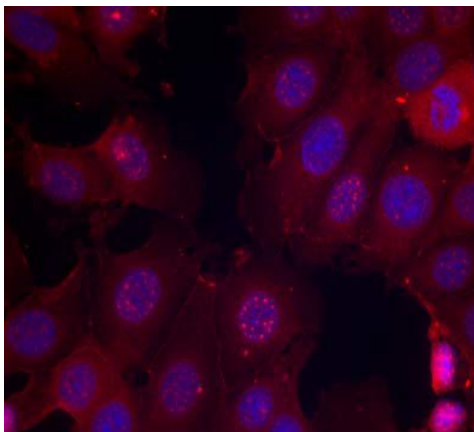


Western blot analysis of extracts from MCF7 using

Estrogen Receptor- α (phospho-Ser167) antibody(#11073).



Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using Estrogen Receptor- α (phospho-Ser167) antibody (#11073).



Immunofluorescence staining of methanol-fixed MCF7 cells using Estrogen Receptor- α (phospho-Ser167) antibody (#11073, Red).

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:

- Shah YM, et al. (2005). Mol Endocrinol.19 (3): 732-748.
- Sun M, et al. (2001). Cancer Res.61 (16): 5985-5991.
- Campbell RA, et al. (2001). J Biol Chem.276 (13): 9817-9824.
- Chen D, et al. (2000). Mol Cell.6 1): 127-137.