Estrogen Receptor- beta (Phospho-Ser105) Antibody

Catalog No: #11998

Package Size: #11998-1 50ul #11998-2 100ul

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

Description

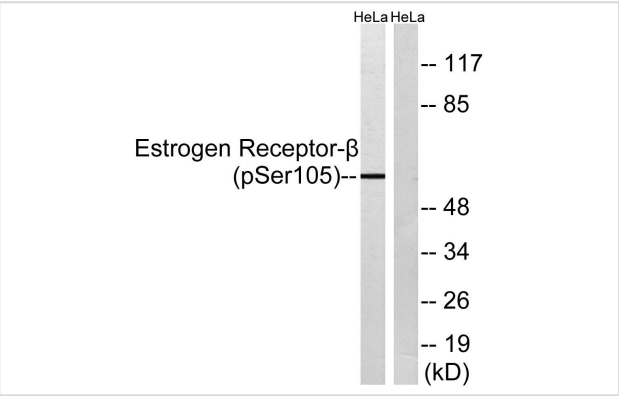
Product Name	Estrogen Receptor- beta (Phospho-Ser105) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Estrogen Receptor- beta only when phosphorylated at serine 105.
Immunogen Type	Peptide-KLH
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Estrogen Receptor-beta around the phosphorylation site of Ser105.
Target Name	Estrogen Receptor- beta
Modification	Phospho
Other Names	ESR2; ESTRB; Estrogen receptor beta; NR3A2;
Accession No.	Swiss-Prot#: Q92731; NCBI Gene#: 2100; NCBI Protein#: NP_001035365.1
Uniprot	Q92731
GeneID	2100;
SDS-PAGE MW	59kd
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

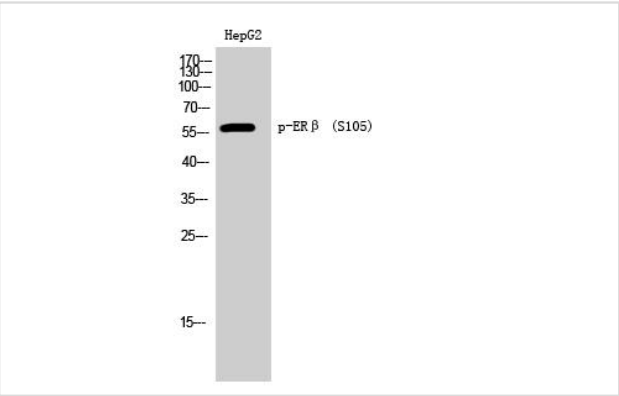
WB 1:500 - 1:2000;

IF 1:200 - 1:1000

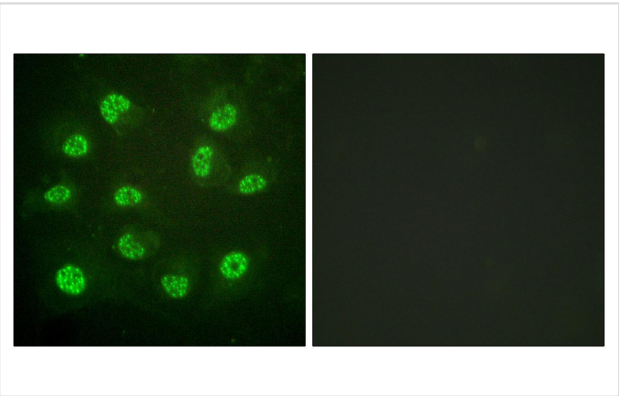
Images



Western blot analysis of lysates from HeLa cells, using Estrogen Receptor-beta (Phospho-Ser105) Antibody. The lane on the right is blocked with the phospho peptide.



Western Blot analysis of HepG2 cells using Estrogen Receptor-beta (Phospho-Ser105) Antibody



Immunofluorescence analysis of HUVEC cells, using Estrogen Receptor-beta (Phospho-Ser105) Antibody. The picture on the right is blocked with the phospho peptide.

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.

Hamilton-Burke W, et al. (2010)Am J Pathol 177, 1079-86. St-Laurent V, Sanchez M, Charbonneau C, Tremblay A (2005) J Steroid Biochem Mol Biol 94, 23-37. Tremblay A, Tremblay GB, Labrie F, Gigu¨¨re V (1999) Mol Cell 3, 513-9 .

Note: This product is for in vitro research use only