

NFκB-p105/p50(Phospho-Ser893) Antibody

Catalog No: #11018

Package Size: #11018-1 50ul #11018-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

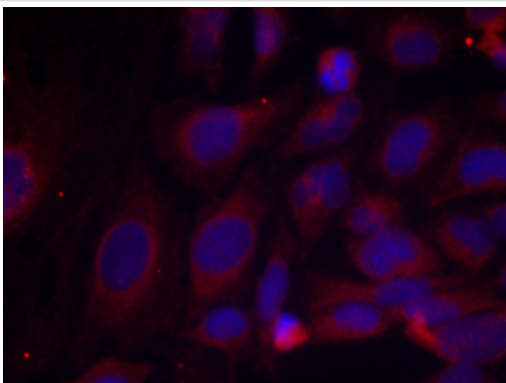
Product Name	NFκB-p105/p50(Phospho-Ser893) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NFκB p105 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.891~895 (A-S-S-P-V) derived from Human NFκB-p105.
Target Name	NFκB-p105
Modification	Phospho
Other Names	KBF1; NF-κB1; NFκappaB
Accession No.	Swiss-Prot#: P19838; NCBI Gene#: 4790
Uniprot	P19838
GeneID	4790;
SDS-PAGE MW	120kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

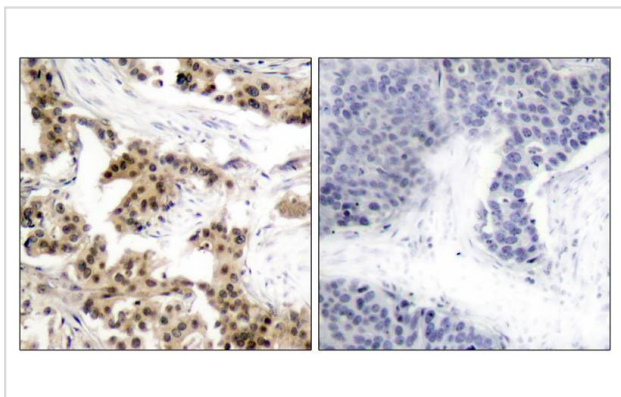
Immunohistochemistry 1:50~1:100

Immunofluorescence 1:100~1:200

Images



Immunofluorescence staining of methanol-fixed HeLa cells using NF-κB p105 (phospho-Ser893) antibody (#11018 Red).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF-κB p105 (phospho-Ser893) antibody (#11018).

Background

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively.

Note: This product is for in vitro research use only