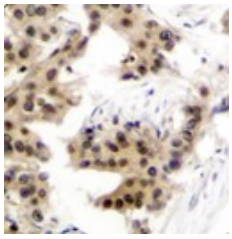
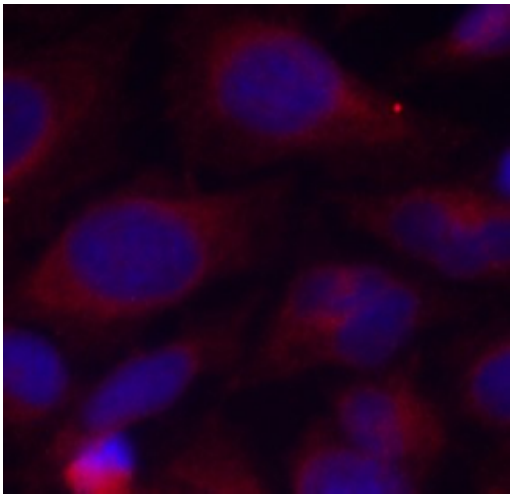
Product name:	Phospho-NFKB-P50 (S893)
Cat number:	ABP-0415
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A phospho specific peptide corresponding to residues surrounding Ser893 of human NFKB-p50
Reactivity:	Hu
Applications:	IHC 1:50 – 1:200 IF 1:100 - 1:200
Molecular Weight:	105 kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20° C. Avoid freeze / thaw cycles.
Background:	This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regµlator that is activated by various intra- and extra-cellµlar stimµli such as cytokines, oxidant-free radicals, µltraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimµlates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Phospho-NFKB-p50 (Ser893) antibody.



Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-NFKB-p50 (Ser893) antibody.