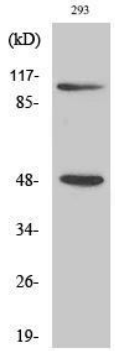
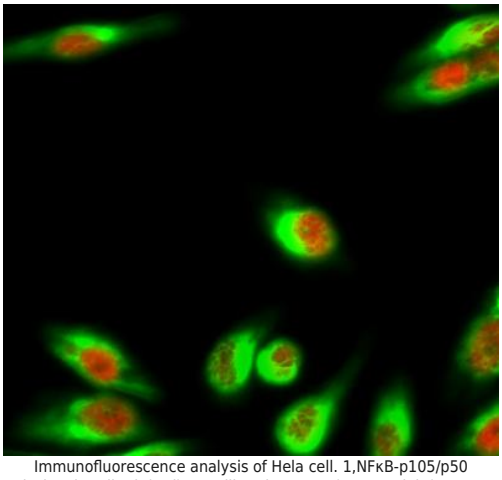
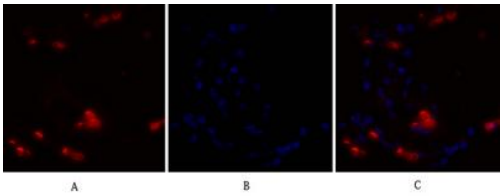
Product name:	NFKB-p50/p105 Rabbit Polyclonal Antibody
Cat number:	AB-84769
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human NF-kappaB p105/p50. AA range:304-353
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1/500 - 1/2000 Immunofluorescence: 1:50-200 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000.
Molecular Weight:	105 kDa
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles
Background:	nuclear factor kappa B subunit 1(NFKB1) Homo sapiens 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 regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates 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. Alternative splicing results in multiple transcript variants encoding different isof.



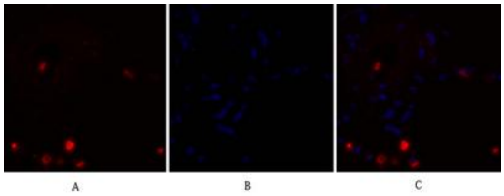
Western Blot analysis of 293 cells using NFκB-p105/p50 Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of Hela cell. 1,NFκB-p105/p50 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). GAPDH Monoclonal Antibody(2B8)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted



Immunofluorescence analysis of human-lung tissue. 1,NFκB-p105/p50 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



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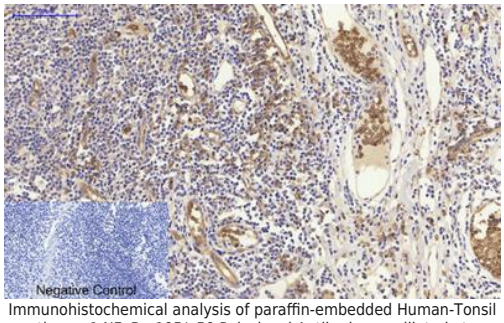

Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,NFκB-p105/p50 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.