

anti- NFKB1 antibody

Product Information

Catalog No.:	FNab10143
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1G4
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated 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 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 isoforms, at least one of which is proteolytically processed.

Immunogen information

Immunogen:	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
Synonyms:	DKFZp686C01211, DNA binding factor KBF1, EBP 1, KBF1, NF kappa B, NFKB p105, NFKB p50, NFKB1, NFKB1,p105, NFKB1,p105,p50, p105, p50
Observed MW:	105 kDa/50 kDa

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Uniprot ID : P19838

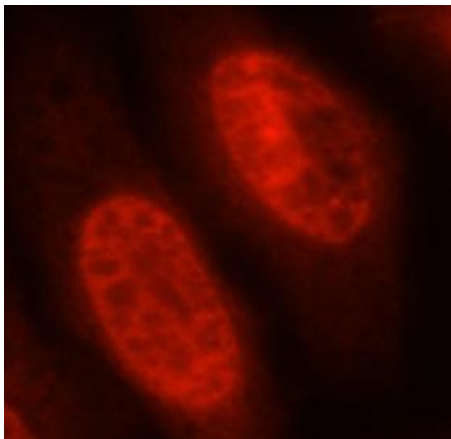
Application

Reactivity: Human

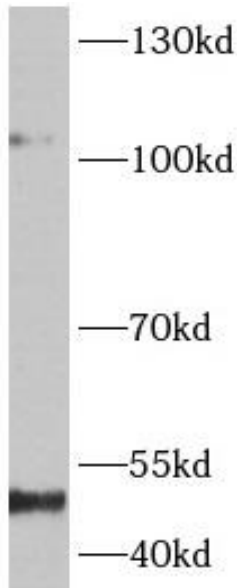
Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500 - 1:3000; IF: 1:20 - 1:200

Image:



Immunofluorescent analysis of HepG2 cells using FNab10143 (NFkB1 antibody) at dilution of 1:100



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab10143(NFkB1 antibody) at dilution of 1:1000

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