

NFkB p65 Monoclonal Antibody

Cat #: ABM40111 Size: 30µl /100µl /200µl

Product Information

	Product Name: NFkB p65 Monoclonal Antibody					
	Applications: WB, IHC-P, IF, IP		Isotype: Mouse IgG1			
	Reactivity: Human, Mouse, Rat					
REF	Catalog Number: ABM40111	LOT	Lot Number: Refer to product label			
	Formulation: Liquid		Concentration: 1 mg/ml			
Ĵ/	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	\triangle	Note: Contain sodium azide.			

Background: NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for RELA.

<u>Application Notes</u>: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IP (1:200).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

	1	2	3	
94KD 66KD	-	-	Fig.1. Western blot analysis of 1) Hela, 2) Rat Hea	
45KD 35KD		1	-	tissue, 3) Mouse Spleen tissue, diluted at 1:2000.
26KD		-	Provide State	
20KD		min l		





Fig.2. Immunofluorescence analysis of human appendix tissue. 1, NFkB p65 Monoclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 Labeled 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.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

