

NF κ B P105/P50 Mouse Monoclonal Antibody(4D11)

Catalog	TDY1068C	TDY1068F	Tel: 010-80117836
			Web: www.tdybio.com
Quantity	50 μ L	100 μ L	Entrez-Gene ID:4790 , Swiss-Prot Acc.P19838

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H	50KD	IgG1

Storage Buffer & Condition: Antigen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

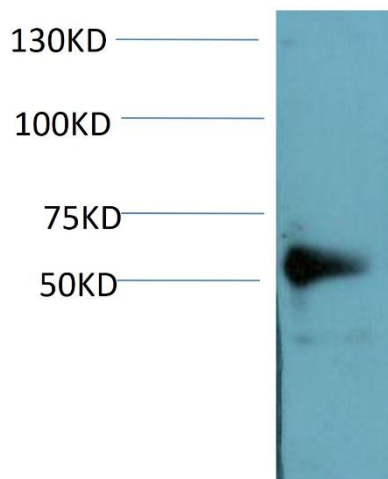
Recommended dilutions: WB: 1:500-1,000

Optimal dilutions should be determined by the end user.

Specificity: The Antibody can detects endogenous NF κ B P50 proteins.

Alternative Names: NFKB1, nuclear factor nf-kappa-b p105, DNA-binding factor KBF1

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.



Western blot analysis of MCF7 Cell Lysate using NF κ B P50 (TDY1068)

Mouse Monoclonal mAb diluted at 1:1,000.