

# Mouse anti-Human NFkappaB-p105/p50 Monoclonal Antibody | anti-NFkappaB-p105/p50 antibody

NFkappaB-p105/p50 Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                                                    |
|-----------|-------|------------|-------------------------------------------------------------------------------------------------|
| AAA320176 | Mouse | Human      | ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot |

## PRODUCT SYNONYMS

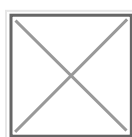
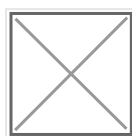
NFkappaB-p105/p50; Monoclonal Antibody; NFkappaB-p105/p50 Monoclonal Antibody; Nuclear factor NF-kappa-B p108 subunit; NFKB1; Nuclear factor NF-kappa-B p105 subunit; DNA-binding factor KBF1; EBP-1; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; anti-NFkappaB-p105/p50 antibody

## PRODUCT SPECIFICATIONS

|                                                             |                                                                                                          |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                                        | Mouse                                                                                                    |
| Reactivity                                                  | Human                                                                                                    |
| Clonality                                                   | Monoclonal                                                                                               |
| Specificity                                                 | NFkappaB-p105/p50 Monoclonal Antibody detects endogenous levels of NFkappaB-p105/p50 protein.            |
| Purity/Purification                                         | Affinity purification                                                                                    |
| Form/Format                                                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                  |
| Applicable Applications for anti-NFkappaB-p105/p50 antibody | ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                                   | Purified recombinant fragment of human NFkappaB-p105/p50 expressed in E coli.                            |
| Modification                                                | Unmodified/Total                                                                                         |
| Preparation and Storage                                     | Store at -20 degree C/1 year                                                                             |

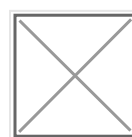
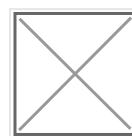
## IMAGES

### Application Data



### FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MCF-7 cells using NFkB-p105/p50 Monoclonal Antibody (green) and negative control (purple).



### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded prostate tissues (left) and bladder cancer tissues (right) with DAB staining using NFkB-p105/p50 Monoclonal Antibody.

### WB (Western Blot)

Western Blot analysis using NFkB-p105/p50 Monoclonal Antibody against K562 (1). Jurkat (2). A431 (3). HeLa (4). THP-1 (5) and MCF-7 (6) cell lysate.

ADDITIONAL INFORMATION

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NFkappaB-p105/p50 antibody | 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 |
| Product Categories/Family for anti-NFkappaB-p105/p50 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 259155302                                                                                                                                                                                 |
| NCBI GeneID                      | 4790                                                                                                                                                                                      |
| NCBI Accession #                 | NP_001158884.1                                                                                                                                                                            |
| NCBI GenBank Nucleotide #        | NM_001165412.1                                                                                                                                                                            |
| UniProt Accession #              | P19838; Q68D84; Q86V43; Q8N4X7; Q9NZC0; A8K5Y5; B3KVE8                                                                                                                                    |
| Molecular Weight                 | 105,356 Da                                                                                                                                                                                |
| NCBI Official Full Name          | nuclear factor NF-kappa-B p105 subunit isoform 2                                                                                                                                          |
| NCBI Official Synonym Full Names | nuclear factor of kappa light polypeptide gene enhancer in B-cells 1                                                                                                                      |
| NCBI Official Symbol             | NFKB1                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | p50; KBF1; p105; EBP-1; NF-kB1; NFKB-p50; NFkappaB; NF-kappaB; NFKB-p105; NF-kappa-B                                                                                                      |
| NCBI Protein Information         | nuclear factor NF-kappa-B p105 subunit; NF-kappabeta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit |
| UniProt Protein Name             | Nuclear factor NF-kappa-B p105 subunit                                                                                                                                                    |
| UniProt Gene Name                | NFKB1                                                                                                                                                                                     |
| UniProt Entry Name               | NFKB1_HUMAN                                                                                                                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/nfkappab-p105-p50-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/320176>