

## Rabbit NFkB Monoclonal Antibody | anti-NFkB2 antibody

NFkB p100 Antibody

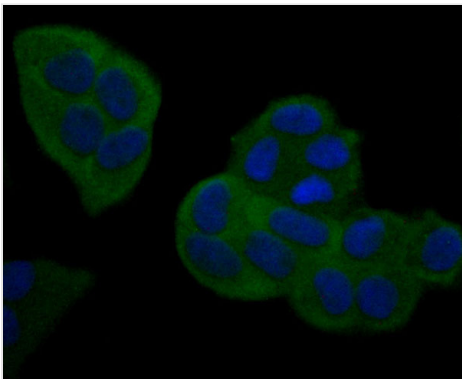
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                                     |
|-----------|--------|-------------------|--------------------------------------------------------------------------------------------------|
| AAA30371  | Rabbit | Human, Mouse, Rat | Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation |

### PRODUCT SYNONYMS

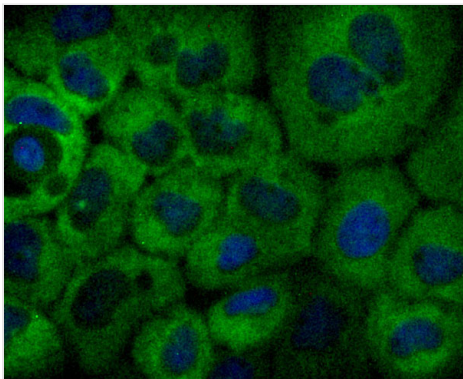
NFkB; Monoclonal Antibody; NFkB p100 Antibody; CVID10 antibody; DNA binding factor KBF2 antibody; H2TF1 antibody; Lymphocyte translocation chromosome 10 protein antibody; LYT 10 antibody; NF kB2 antibody; NFkB p52/p100 subunit antibody; Nuclear factor Kappa B subunit 2 antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 (p49/p100) antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 antibody; Oncogene Lym 10 antibody; p100 antibody; Transcription factor NFkB2 antibody; anti-NFkB2 antibody

### PRODUCT SPECIFICATIONS

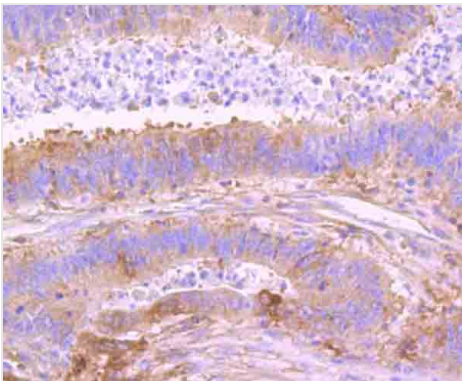
|                                                 |                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                                                                           |
| Clonality                                       | Monoclonal                                                                                                                  |
| Clone Number                                    | JM82-03                                                                                                                     |
| Purity/Purification                             | ProA affinity purified                                                                                                      |
| Form/Format                                     | 1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.                                                      |
| Applicable Applications for anti-NFkB2 antibody | WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation) |
| Application Notes                               | WB: 1:500-1:2000<br>IHC: 1:50-1:200<br>ICC: 1:50-1:200                                                                      |
| Antibody Type                                   | Recombinant Antibody                                                                                                        |
| Immunogen                                       | Recombinant protein                                                                                                         |
| Conjugation                                     | Unconjugated                                                                                                                |
| Preparation and Storage                         | Store at -20 degree C.                                                                                                      |



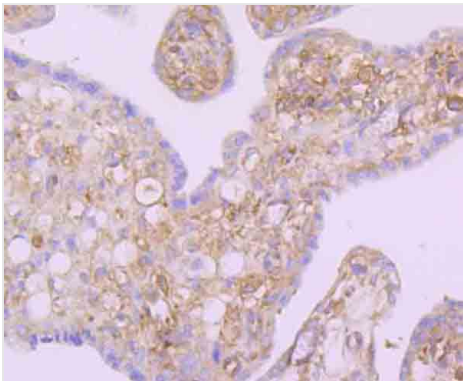
**ICC (Immunocytochemistry)**  
ICC staining NFkB p100 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



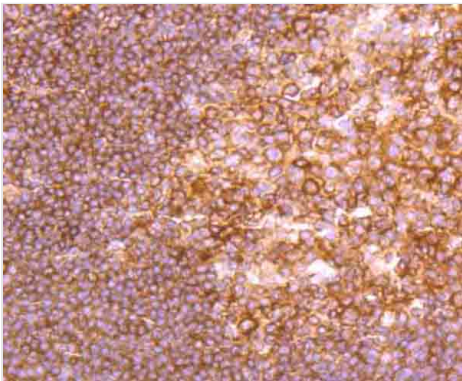
**ICC (Immunocytochemistry)**  
ICC staining NFkB p100 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



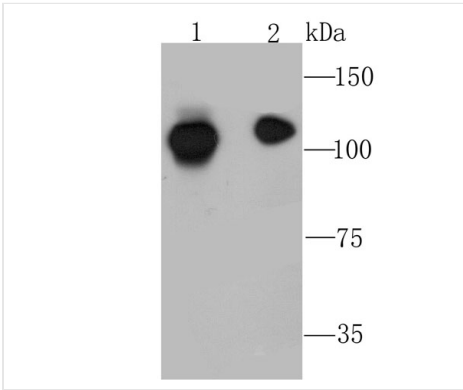
**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-NFkB p100 antibody. Counter stained with hematoxylin.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-NFkB p100 antibody. Counter stained with hematoxylin.



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-NFkB p100 antibody. Counter stained with hematoxylin.



**WB (Western Blot)**  
Western blot analysis of NFkB p100 on HeLa (1) and MCF-7 (2) cell using anti-NFkB p100 antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-NFkB2 antibody</b> | NFkB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. p52 binds to the kappa-B consensus sequence 5'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. p52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65. |
| <b>Product Categories/Family for anti-NFkB2 antibody</b>   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 117320531                                                                                                                                                                                        |
| NCBI GeneID                      | 4791                                                                                                                                                                                             |
| NCBI Accession #                 | NP_001070962.1                                                                                                                                                                                   |
| NCBI GenBank Nucleotide #        | NM_001077494.2                                                                                                                                                                                   |
| UniProt Accession #              | Q00653; Q04860; Q9BU75; Q9H471; Q9H472; A8K9D9; D3DR83; AAB23437                                                                                                                                 |
| Molecular Weight                 | 96,749 Da                                                                                                                                                                                        |
| NCBI Official Full Name          | nuclear factor NF-kappa-B p100 subunit isoform a                                                                                                                                                 |
| NCBI Official Synonym Full Names | nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)                                                                                                                  |
| NCBI Official Symbol             | NFKB2                                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | p52; p105; H2TF1; LYT10; LYT-10; NF-kB2                                                                                                                                                          |
| NCBI Protein Information         | nuclear factor NF-kappa-B p100 subunit; oncogene Lys-10; DNA-binding factor KBF2; lymphocyte translocation chromosome 10 protein; nuclear factor of kappa light chain gene enhancer in B-cells 2 |
| UniProt Protein Name             | Nuclear factor NF-kappa-B p100 subunit                                                                                                                                                           |
| UniProt Gene Name                | NFKB2                                                                                                                                                                                            |
| UniProt Synonym Gene Names       | LYT10; Lys10                                                                                                                                                                                     |
| UniProt Entry Name               | NFKB2_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nfkb-antibody-clone-jm82-03-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-elisa/30371>