

# NF- $\kappa$ B2 Rabbit mAb

Catalog No.: A19605 **Recombinant** **9 Publications**

## Basic Information

### Observed MW

100-120kDa (pro NF- $\kappa$ B2)/50kDa (mature NF- $\kappa$ B2)

### Calculated MW

97kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0084

## Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NF $\kappa$ B). The NF $\kappa$ B complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:1000 - 1:6000

**IHC-P** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

4791

### Swiss Prot

Q00653

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF- $\kappa$ B2; p49/p100; NF- $\kappa$ B2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

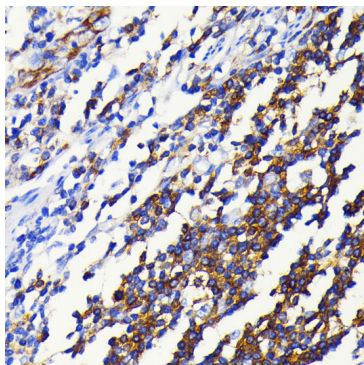
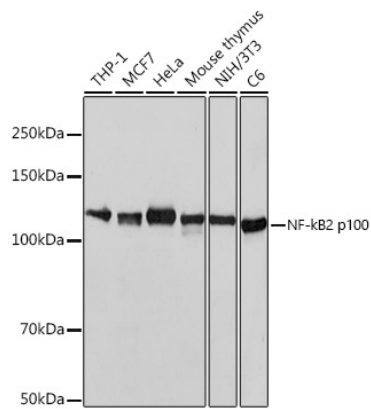
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data



Immunohistochemistry analysis of paraffin-embedded Human appendix using NF-κB2 Rabbit mAb (A19605) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.