

AP1367

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# Phospho-NF- $\kappa$ B2-S866 Rabbit mAb

Catalog No.: AP1367

Recombinant

1 Publications

## Basic Information

### Observed MW

140kDa

### Calculated MW

97kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

WB, ELISA

### Cross-Reactivity

Mouse

### CloneNo number

ARC56344

## Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB 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 1:100 - 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

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100; Phospho-NF- $\kappa$ B2-S866

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

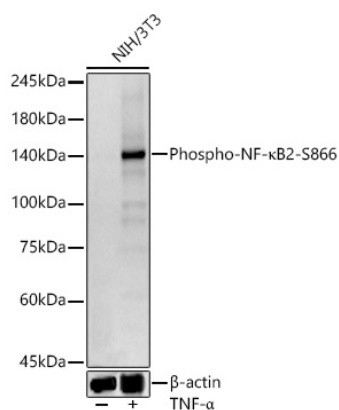
Affinity purification

### 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



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-NF-κB2-S866 Rabbit mAb (AP1367) at 1:500 dilution. NIH/3T3 cells were treated with TNF-α (20 ng/ml) at 37°C for 30 minutes.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.