

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

Catalog No.: AP1367 **Recombinant** **1 Publications**

## Basic Information

**Observed MW**

140kDa

**Calculated MW**

97kDa

**Category**

Primary 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

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

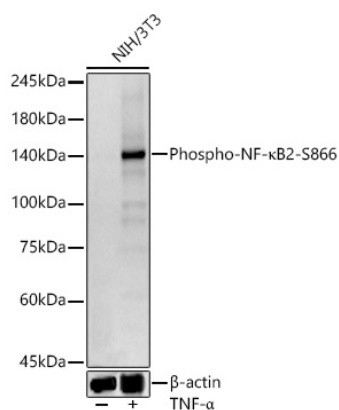
Affinity purification

**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



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.