

# Anti-Phospho-NF-KB p100 (Ser866) Rabbit pAb

Purified Rabbit Polyclonal Antibody

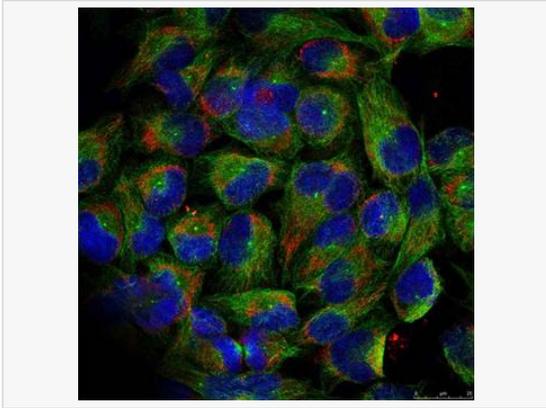
Catalog # P108927

## Product Information

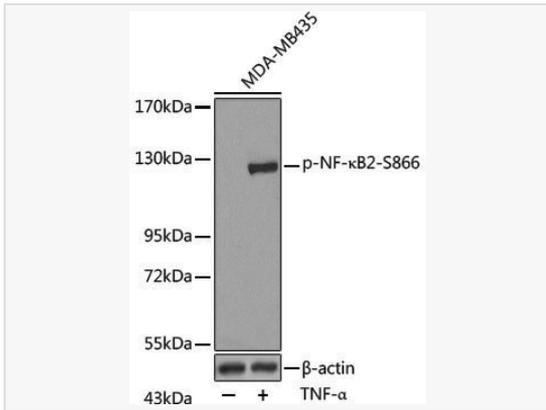
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2,000; IHC-P 1:50~1:100; IF 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S866 of human NF- $\kappa$ B2 (NP_001070962.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-NF-KB p100 (Ser866) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF- $\kappa$ B2; p49/p100; Phospho-NF- $\kappa$ B2-S866.
Calculated MW	Calculated MW: 97 kDa; Observed MW: 120 kDa
Uniprot ID	Q00653
Gene ID	4791
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.



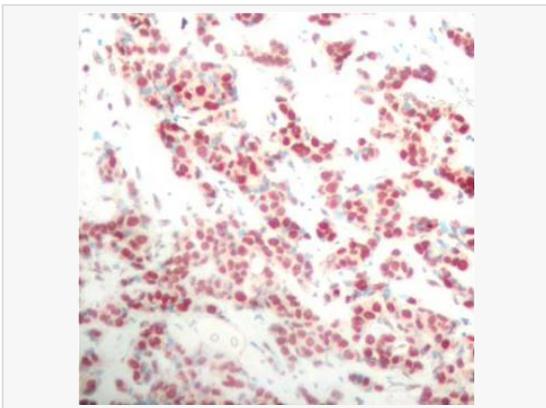
Immunofluorescence analysis of methanol-fixed HeLa cells using Phospho-NF-κB2-S866 Rabbit pAb (P108927).



Western blot analysis of lysates from MDA-MB435 cells, using Phospho-NF-κB2-S866 Rabbit pAb (P108927) at dilution. MDA-MB435 cells were treated by TNF- $\alpha$ . Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% BSA.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma using Phospho-NF-κB2-S866 Rabbit pAb (P108927). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.