NFkB P100/P52(Phospho-Ser866) Antibody

#11015

Catalog Number: 11015-1, 11015-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. : Q00653

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human NF-κB p100/p52 around the phosphorylation site of serine 866 (E-D-S$_P$-A-Y).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.

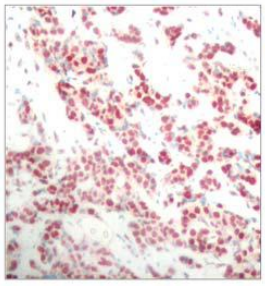
Specificity/Sensitivity: NF-κB p100/p52 (phospho-Ser866) antibody detects endogenous levels of NF-κB p100/p52 only when phosphorylated at serine 866.

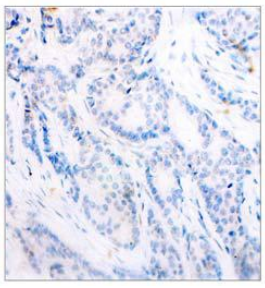
Reactivity: Human,Mouse, Rat

Applications:

Predicted MW: 100kd

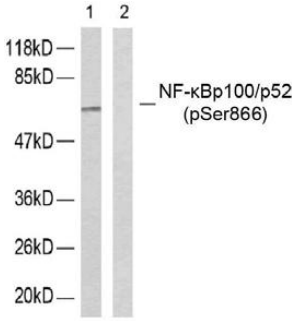
IHC: 1:50~1:100 WB: 1:500~1:1000 IF:1:100~1:200





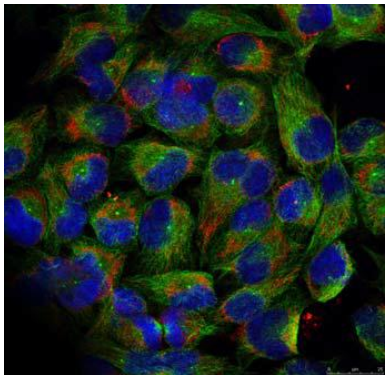
P-Peptide － +

Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue, using NF-κB p100/p52 (Phospho-Ser866) antibody (#11015).



P-Peptide － +

Western blot analysis of extracts from ovary cancer cells using NF-κ B p100/p52 (phospho-Ser866) antibody(#11015).



Immunofluorescence staining of methanol-fixed HeLa cells using NF-κB p100/p52 (phospho-Ser866)antibody (#11015, Red).

Background :

NFkB-p100 a transcription factor of the nuclear factor-kappaB (NFkB) group. Precursor of the p52 subunit of the nuclear factor NF-kappa-B, which 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.

References：

Qu Z, et al. (2004) J Biol Chem; 279(43): 44563-72.
Xiao G, et al. (2001) J Biol Chem 7(2): 401-9.
Baeuerle P A, et al. (1994) Annu Rev Immunol. 12:141-179.
Baeuerle P A, et al. (1996) Cell 87:13-20.