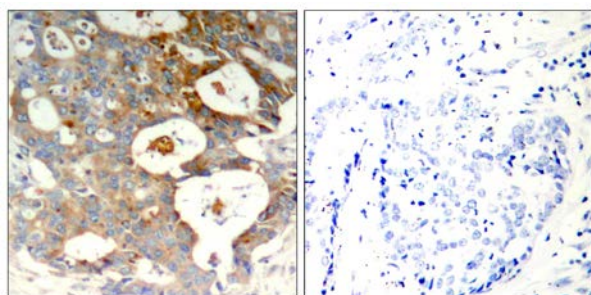




## IκB-ε (Phospho-Ser22) Antibody

E011213

- Catalog Number:** E011213-1, E011213-2
- Amount:** 50μg/50μl, 100μg/100μl
- Swiss-Prot No. :** O00221
- Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
- Storage/Stability:** Store at -20°C/1 year
- Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human IκB-ε around the phosphorylation site of serine 22 ( I-E-S<sup>P</sup>-L-R).
- Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
- Specificity/Sensitivity:** IκB-ε (Phospho-Ser22) antibody detects endogenous levels of IκB-ε only when phosphorylated at serine 22.
- Reactivity:** Human, Mouse
- Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100
- References:** Shirane M, et al. (1999) J Biol Chem; 274(40): 28169-74  
Karin, M. and Ben-Neriah, Y. (2000) Annu. Rev. Immunol. ;18, 621-663.  
Chen, Z.J. et al. (1996) Cell; 84, 853-862.  
Brown, K. et al. (1995) Science; 267, 1485-1488.

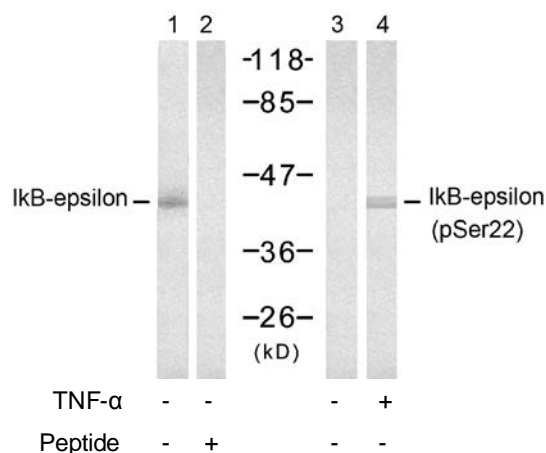


P-Peptide

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Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IκB-ε (Phospho-Ser22) antibody (E011213).



Western blot analysis of extract from 293 cells, untreated or treated with TNF-α (20ng/ml, 15min), using IκB-ε (Ab-22) antibody (E021296, Lane 1 and 2) and IκB-ε (Phospho-Ser22) antibody (E011213, Lane 3 and 4).

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