



## IκB-α (Phospho-Tyr305) Antibody

E11-1053A

**Catalog Number:** E11-1053A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** P25963

**Other Names:** I-kappa-B-alpha; IkappaBalpha; IKBA; MAD3; Major histocompatibility complex enhancer-binding protein MAD3; NF-kappaB inhibitor alpha; NFKBI; NFKBIA; RL/IF-1

**All Sites:** Human: Tyr305; Mouse: Tyr302; Rat: Tyr302

**Storage/Stability:** Store at -20°C/1 year

**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.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human IκB-α around the phosphorylation site of tyrosine 305 (L-P-Y<sup>P</sup>-D-D).

**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:** IκB-α (Phospho-Tyr305) antibody detects endogenous levels of IκB-α only when phosphorylated at tyrosine 305.

**Reactivity:** Human (Identities = 100%, Positives = 100%); Mouse (Identities = 100%, Positives = 100%); Rat (Identities = 100%, Positives = 100%)

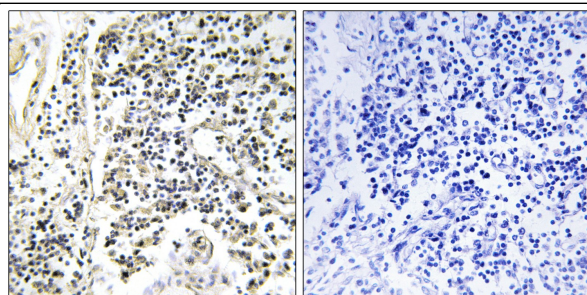
**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000

### References:

Haskill S., Cell 65:1281-1289(1991).

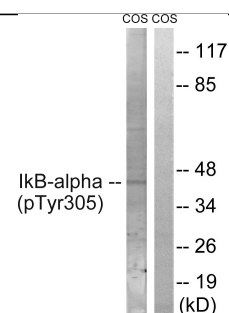
Jungnickel B., J. Exp. Med. 191:395-402(2000).

Ganchi P.A., Mol. Biol. Cell 3:1339-1352(1992).



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human lymph node tissue using IκB-α (Phospho-Tyr305) antibody.



nocodazole + +  
P-peptide - +

Western blot analysis of extracts from COS7 cells, treated with nocodazole (1ug/ml, 16hours), using IκB-α (Phospho-Tyr305) antibody.

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