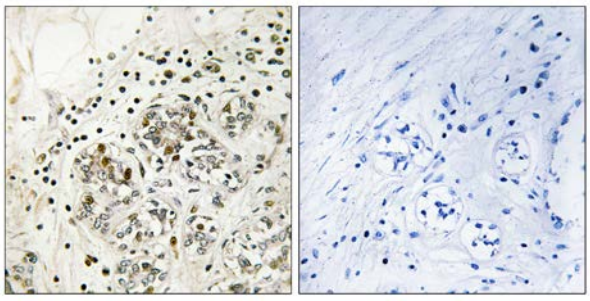
IκB-α (Phospho-Ser32/Ser36) Antibody

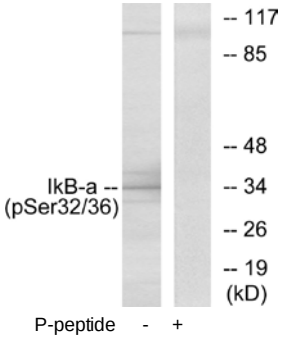
E11-7124A

Catalog Number: E11-7124A
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: Ser32+Ser36; Mouse: Ser32+Ser36; Rat: Ser32+Ser36
Storage/Stability: Store at -20℃/1 year
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), 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 serine 32 and serine 36 (H-D-S^P-G-L-D-S^P-M-K).
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-Ser32/Ser36) antibody detects endogenous levels of IκB-α only when phosphorylated at serine 32 and serine 36.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000
References:

Haskill S., Cell 65:1281-1289(1991).
Jungnickel B., J. Exp. Med. 191:395-402(2000).
Liu B., Submitted (APR-2001) to the EMBL/GenBank/DDBJ databases.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using IκB-α (Phospho-Ser32/Ser36) antibody.



Western blot analysis of extracts from COS-7 cells, using IκB-α (Phospho-Ser32/Ser36) antibody.

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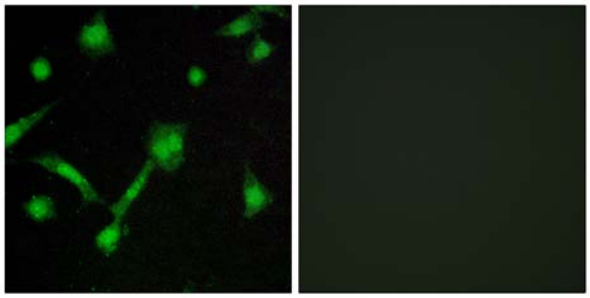

P-peptide - +

Immunofluorescence analysis of LOVO cells, using IκB-α (Phospho-Ser32/Ser36) antibody.