

## IκB-α (Phospho-Tyr42) Antibody Blocking Peptide

- Catalog Number:** 51162-1, 51162-2  
**Amount:** 50µg/50µl, 100µg/100µl  
**Swiss-Prot No. :** P25963  
**All Names:** I-kappa-B-alpha, IKBA, IkappaBalpha, MAD3, Major histocompatibility complex enhancer-binding protein MAD3, NF-kappaB inhibitor alpha, NFKBI, NFKBIA, RL/IF-1  
**All Sites:** Human: Tyr42; Mouse: Tyr42; Rat: Tyr42  
**Form of Peptide :** Peptide 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:** Store at -20°C.  
**Quality Control:** The quality of the peptide was evaluated by reversed-phase HPLC and mass spectrometry.  
**Peptide Information :** The synthesized phosphopeptide was derived from human IκB-α around the phosphorylation site of tyrosine 42 (E-E-Y<sup>P</sup>-E-Q).  
**Specificity:** The peptide specifically blocks the signal of IκB-α (phospho-Tyr42) antibody (#11162) completely in IHC .  
**Applications:** IHC: 1:50~1:100  
**References:** Béraud C, et al. (1999) Proc Natl Acad Sci U S A 96(2): 429-434.  
Sundström S, et al. (2005) J Virol 79(4): 2230-2239.  
Liu L, et al. (1998) Mol Cell Biol 18(7): 4221-4234.  
Shrivastava A, et al. (1998) J Virol 72(12): 9722-9728.

