

Recombinant Anti-IKB alpha antibody (Mouse mAb)



GB151509 -20°C

Product Information			
Protein full name	NF-kappa-B inhibitor alpha		
Synonyms	I kappa B alpha, IkappaBalpaha, Ikb alpha, IKBA, Ikβ-α, MAD 3, MAD3, NF kappa B inhibitor alpha, NFKBI, NFKBIA		
Immunogen	KLH conjugated Synthetic peptide corresponding to Human IKBα		
Uniprot ID	P25963		
Isotype	IgG1, κ		
Clone Number	SB90		
Purity	Affinity purification		
Predicted MW./Observed MW.	36 kDa / 36 kDa		
Applications	Species	Dilution	Positive Tissue
WB	Human, Mouse, Rat	1: 1000-1: 2000	HeLa+Calyculin A,NIH/3T3+Calyculin A,C6+Calyculin A
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to translocate to the nucleus and activate transcription.			
Images			



WB analysis of IKB alpha(GB151509).
Sample: Protein treated by RIPA Lysis Buffer (G2002).
Blocking buffer: 3% Nonfat dry milk (GC310001) in TBST, RT, 1h.
Primary antibody: 1: 1000, 4°C overnight.
Secondary antibody: HRP conjugated Goat Anti-Mouse IgG (H+L) (GB23301), 1: 5000, RT, 1h.

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