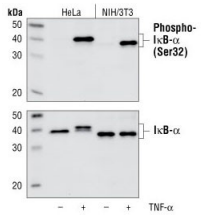
Product Data Sheet:
Phospho-IKKB-alpha S32/36

Cat. No:	MAB-94338
Conjugate:	Unconjugated
Size:	100 ul
Clone:	14D4
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Reactivity:	Hu, Ms, Rt, Mk
Applications:	Western Blot: 1:1000 Immunohistochemistry: 1:100-1:300 Immunofluorescence: 1:200-1:1000 Elisa: 1:10000
Molecular Weight:	36 kDa
Purification:	Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide cor¬responding to residues surrounding Ser32 of human I êBá.
Background:	The NF-ê B/Rel transcription factors are present in the cytosol in an inactive state complexed with the inhibitory I ê B proteins (1-3). Activation occurs via phosphorylation of I êBá at Ser32 and Ser36 followed by proteasome-mediated degradation that results in the release and nuclear translocation of active NF- ê B (3-7). I êBá phosphorylation and resulting Rel-dependent transcription are activated by a highly diverse group of extracellular signals including inflammatory cytokines, growth factors, and chemokines. Kinases that phosphorylate I ê B at these activating sites have been identifi ed (8) Source/Purification: Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide c
Form:	liquid
Storage:	Store at -20°C, and avoid repeat freeze-thaw cycles.



Western blot analysis of extracts from HeLa and NIH/3T3 cells, untreated or treated with TNF-á for 5 minutes., using Phospho¬IêB-á (Ser32) (14D4) Rabbit mAb (upper), or IêB-á (44D4) Rabbit mAb (lower).

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