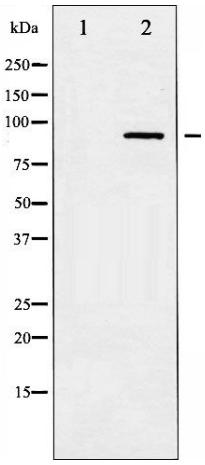
Ikk-β (Phospho-Tyr199) Antibody

#11530

Catalog Number: 11530-1, 11530-2
Amount: 50μg/50μl, 100μg/100μl
Swiss-Prot No. : O14920
Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl,0.02% sodium azide and 50% glycerol.
Storage/Stability: Store at -20℃/1 year
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Ikkβ around the phosphorylation site of Tyrosine 199
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/Sensitivity: Ikkβ (Phospho-Tyr199) antibody detects endogenous levels of Ikkβ only when phosphorylated at Tyrosine 199
Reactivity: Human,Mouse,Rat
Applications:

Predicted MW: 85kd
WB: 1:500~1:1000 IHC: 1:50~1:100



Western blot analysis of IKK- beta phosphorylation expression in TNF-a treated HeLa whole cell lysates,The lane on the left is treated with the antigen-specific peptide

Background :

IKK-beta is a kinase of the IKK family. Phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Preferentially found as a heterodimer with IKK-alpha but also as an homodimer.