

AlphaLISA® SureFire® Ultra™

Human IKKβ Total Detection Kit

Product number: ALSU-TIKKB-A500, ALSU TIKKB-A10K,
 ALSU-TIKKB-A50K, ALSU-TIKKB-A-HV



Kit specificity:

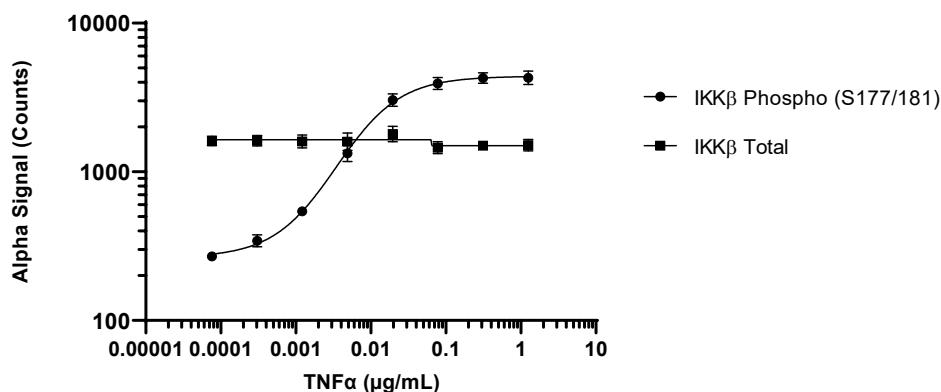
This assay kit contains antibodies which recognize distinct epitopes on IKKβ. The protein detected by this kit corresponds to UniProt ID O14920. IKKβ is also known as Inhibitor of nuclear factor kappa-B kinase subunit beta. These antibodies recognize IKKβ of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from KARPAS 299 cells cultured in 10% FBS containing media. Cells were harvested and washed with HBSS + 0.1% BSA, adjusted to 10 x10⁶ cells/mL and then treated with 2 ng/mL rhIL1-B for 5 minutes. Cells were spun down at 300 RCF for 5 minutes and lysed in Lysis Buffer at 8 x 10⁶ cells/mL.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. A549 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with TNFα at the indicated concentrations for 10 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser177/181) and Total IKKβ, using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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