

AlphaLISA® SureFire® Ultra™

Human and Mouse p-TBK1 (Ser172) Detection Kit

Product number: ALSU-PTBK1-A500, ALSU-PTBK1-A10K,
 ALSU-PTBK1-A50K, ALSU-PTBK1-A-HV



Kit specificity:

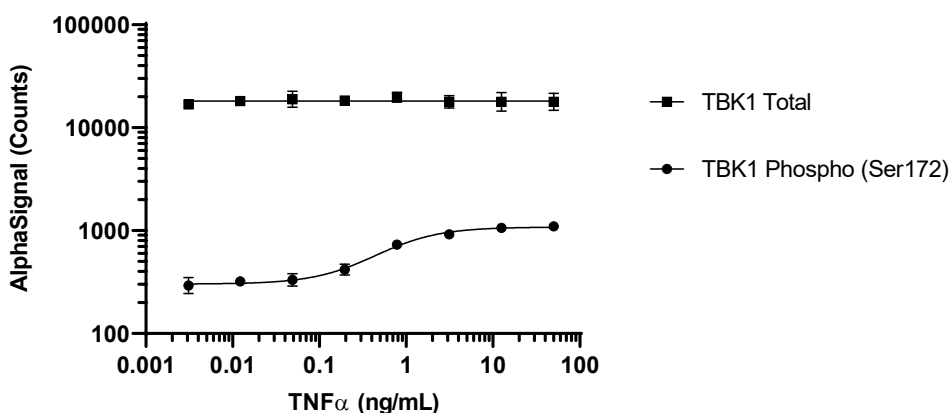
This assay kit contains antibodies that recognize the phospho Ser172 epitope and a distal epitope on TBK1. The protein detected by this kit corresponds to UniProt ID Q9UHD2. TBK1 is also known as Tank-binding kinase 1. These antibodies recognize TBK1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 50 ng/mL TNF- α and 20 ng/mL Calyculin A for 15 minutes, and lysed with 5 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were plated at 40K cells per well in a 96 well plate and incubated overnight. Cells were treated with TNF- α at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser172) and TBK1, using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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