

AlphaLISA® SureFire® Ultra™

Human and Mouse p-ATF-2 (Thr71) Detection Kit

Product number: ALSU-PATF2-A500, ALSU-PATF2-A10K,
ALSU-PATF2-A50K, ALSU-PATF2-A-HV



Kit specificity:

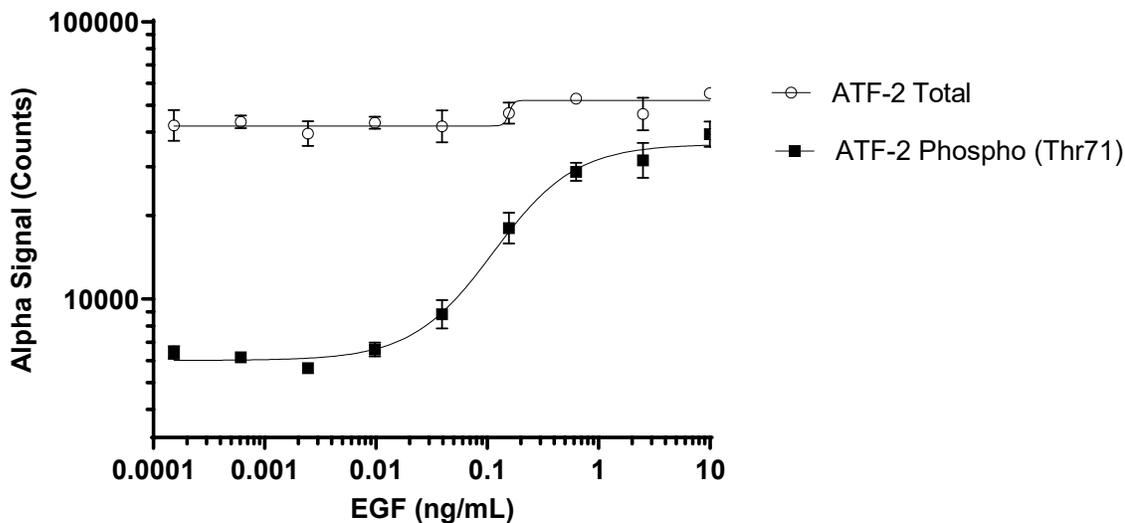
This assay kit contains antibodies which recognize the phospho Thr71 epitope and a distal epitope on ATF-2. The protein detected by this kit corresponds to UniProt ID P15336. ATF-2 is also known as Activating Transcription Factor 2 and cAMP-dependent transcription factor ATF-2. This kit recognizes Thr71 and Thr69/Thr71 phosphorylated ATF-2. These antibodies recognize ATF-2 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

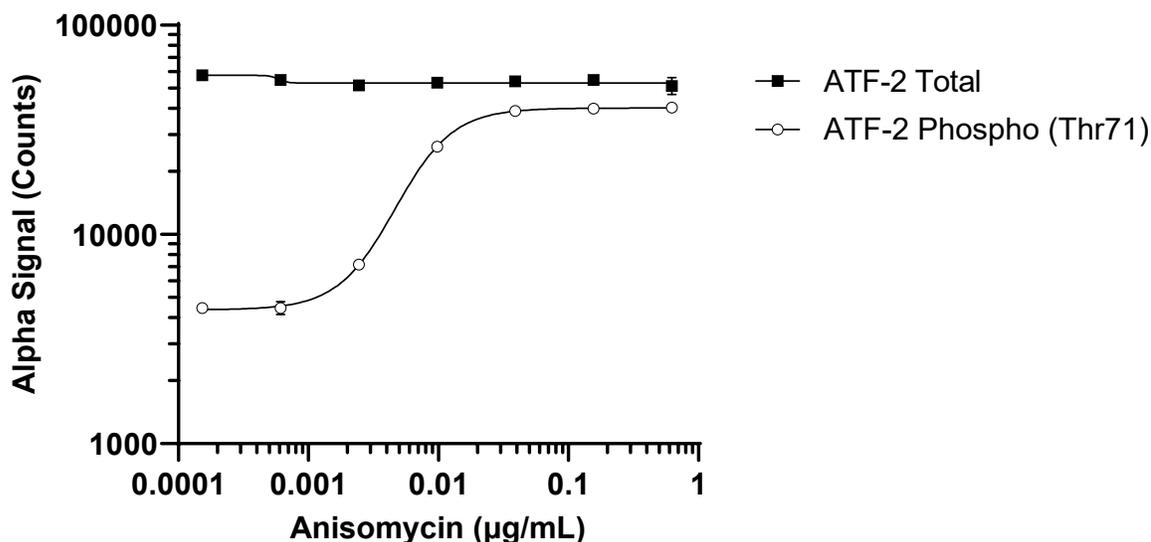
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing medium. Cells were treated with 10 ng/mL EGF for 30 minutes and lysed with 4 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with EGF at the indicated concentrations for 30 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr71) and Total ATF-2 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were serum starved for 2 hours with MEM containing 1% FBS, then treated with Anisomycin at the indicated concentrations for 30 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr71) and Total ATF-2 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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