

AlphaLISA® SureFire® Ultra™

Human and Mouse p-BAD (Ser112) Detection Kit

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



Kit specificity:

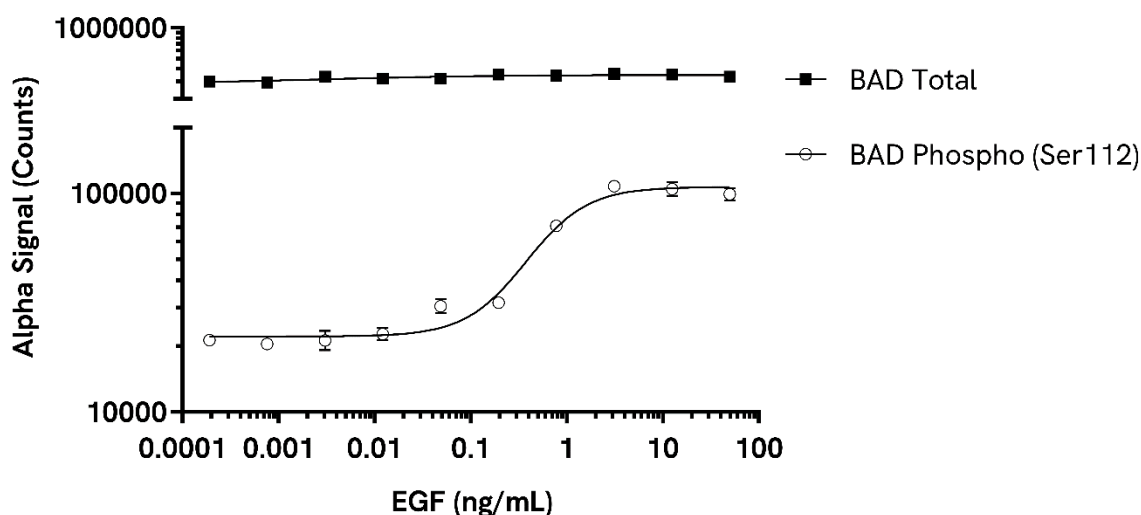
This assay kit contains antibodies which recognize the phospho Ser112 epitope and a distal epitope on BAD. The protein detected by this kit corresponds to UniProt ID Q92934. BAD is also known as Bcl2-associated agonist of cell death. These antibodies recognize BAD of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

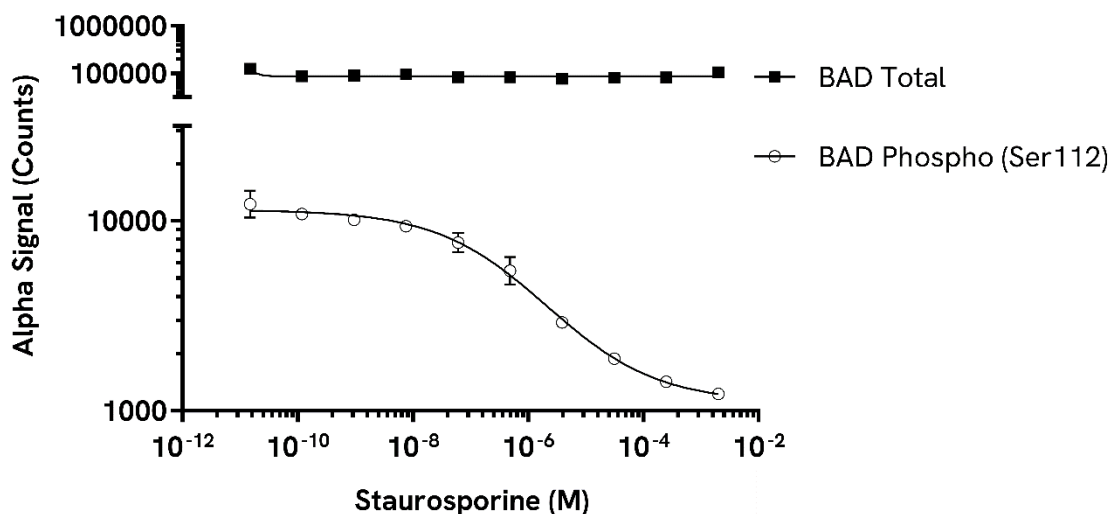
Positive Control Lysate: Prepared from U2OS cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 4 mL of Lysis Buffer.

Representative data

Data obtained with a 2 plate, 2 incubation protocol. A431 cells were seeded at 20K cells/well in a 96 well plate and incubated overnight. Cells were starved for 2 hours and then treated with EGF at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser112) and Total BAD using respective SureFire Ultra kits. Equivalent to approximately 2,000 cells/datapoint.



Data obtained with a 2 plate, 2 incubation protocol. U2OS cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Staurosporine at the indicated concentrations for 2 hours. Cells were washed with HBSS, lysed with Lysis Buffer and assayed separately for Phospho (Ser112) and Total BAD using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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