

AlphaLISA® SureFire® Ultra™

Human and Mouse p-AKT1 (Ser129) Detection Kit

Product number: ALSU-PAKT1-D500, ALSU-PAKT1-D10K,
 ALSU-PAKT1-D50K, ALSU-PAKT1-D-HV



Kit specificity:

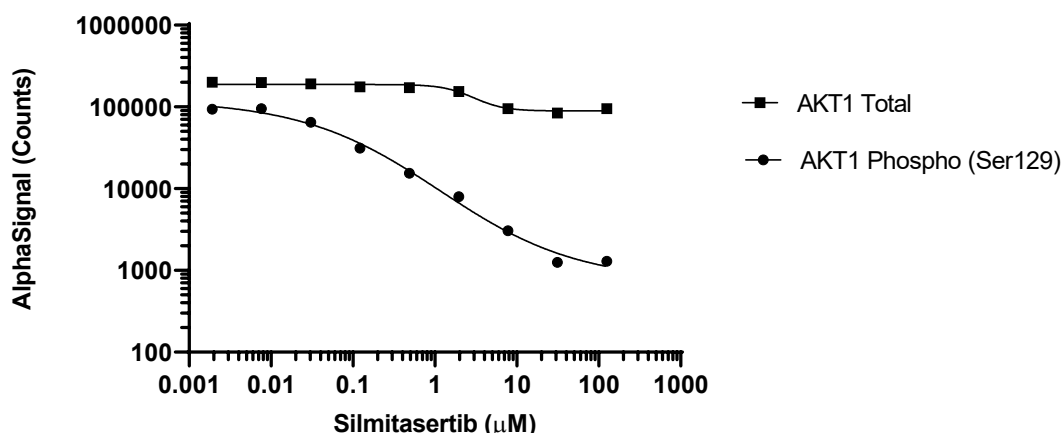
This assay contains antibodies which recognize the phospho Ser129 epitope and a distal epitope on AKT1. The protein detected by this kit corresponds to UniProt ID P31749. These antibodies recognize AKT1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from MCF7 cells, cultured to confluence in T175flasks in 10% FBS containing medium, lysed with 15 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Silmitasertib in serum free medium for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser129) and Total AKT1 using respective *SureFire Ultra* kits. Equivalent to approximately 2,000 cells/datapoint.



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