

Alpha SureFire® Ultra™ Multiplex

Human and Mouse p-AKT 1/2/3 (Thr450) + Total AKT1 Detection Kit

Product number: MPSU-PTAKT-N500, MPSU-PTAKT-N10K,
MPSU-PTAKT-N50K, MPSU-PTAKT-N-HV



Kit specificity:

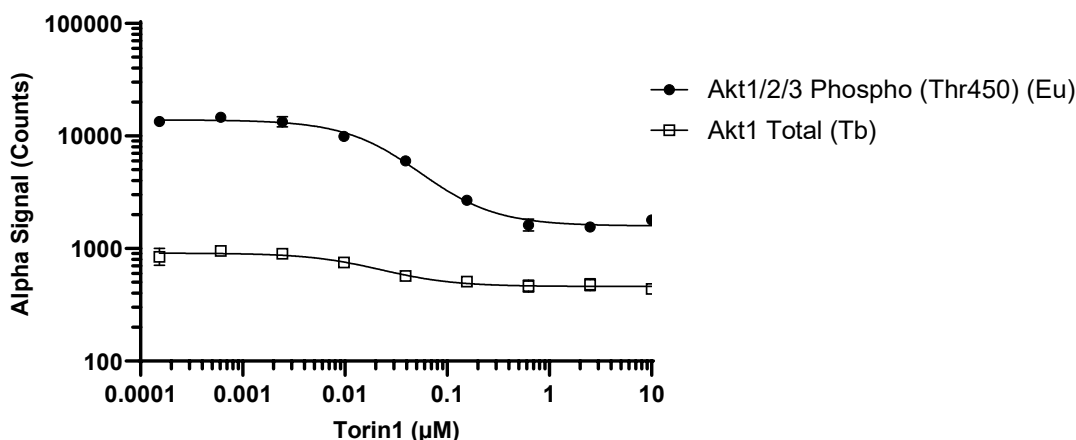
This assay kit contains antibodies which recognize the phospho-Thr450 epitope and a distal epitope on Akt 1/2/3, plus antibodies to detect Total Akt 1. The proteins detected by this kit correspond to UniProt IDs P31749 (Akt1), P31751 (Akt2) and Q9Y243 (Akt3). These antibodies recognize Akt of human and 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 T175 flasks in 10% FBS containing media and lysed with 10 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. PC-3 cells were plated at 20K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with Torin1 at the indicated concentrations for 24 hours. Cells were lysed with Lysis Buffer and assayed for Phospho Akt1/2/3 (Thr450) and Total Akt1 in the same wells of an assay plate using the SureFire Ultra Multiplex kit. Data equivalent to approximately 4,000 cells/datapoint.



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