

AlphaLISA® SureFire® Ultra™

Human and Mouse p-LATS1 (Thr1079) Detection Kit

Product number: ALSU-PLATS1-A500, ALSU-PLATS1-A10K,
ALSU-PLATS1-A50K, ALSU-PLATS1-A-HV



Kit specificity:

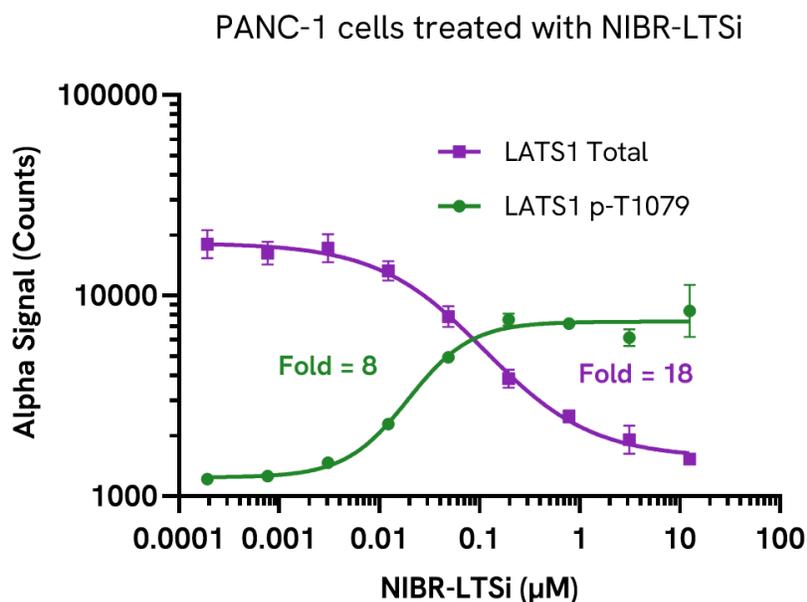
This assay kit contains antibodies which recognize the phospho-Thr1079 and a distal epitope on LATS1. The protein detected by this kit corresponds to UniProt ID O95835. LATS1 is also known as Large tumor suppressor homolog 1 and WARTS protein kinase. These antibodies recognize LATS1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

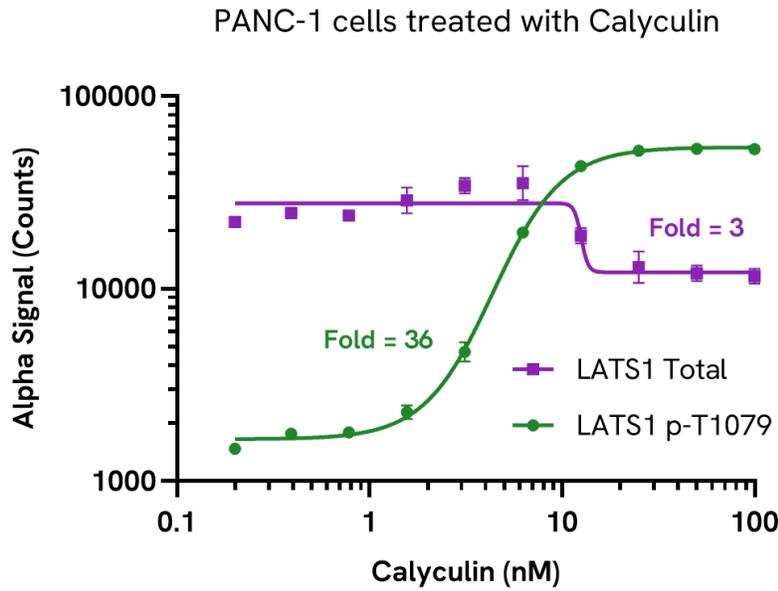
Positive Control Lysate: Prepared from THP1 cells treated with 100 nM calyculin for 3 hours and lysed at a density of 8×10^6 cells/mL.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. PANC-1 cells were seeded in a 96-well plate (40,000 cells/well) in complete medium and incubated overnight. The cells were treated with increasing concentrations of NIBR-LTSi for 4 hours. After treatment, the cells were lysed with Lysis Buffer and Phospho (Thr1079) and Total LATS1 levels were evaluated using respective *SureFire Ultra* kits. Equivalent to approximately 8,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. PANC-1 cells were seeded in a 96-well plate (40,000 cells/well) in complete medium and incubated overnight. The cells were treated with increasing concentrations of Calyculin for 2 hours. After treatment, the cells were lysed with Lysis Buffer and Phospho (Thr1079) and Total LATS1 levels were evaluated using respective *SureFire Ultra* kits. Equivalent to approximately 8,000 cells/datapoint.



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