

AlphaLISA® SureFire® Ultra™

Human and Mouse p-PDHA1 (Ser293) Detection Kit

Product number: ALSU-PPDHA1-A500, ALSU-PPDHA1-A10K,
ALSU-PPDHA1-A50K, ALSU-PPDHA1-A-HV



Kit specificity:

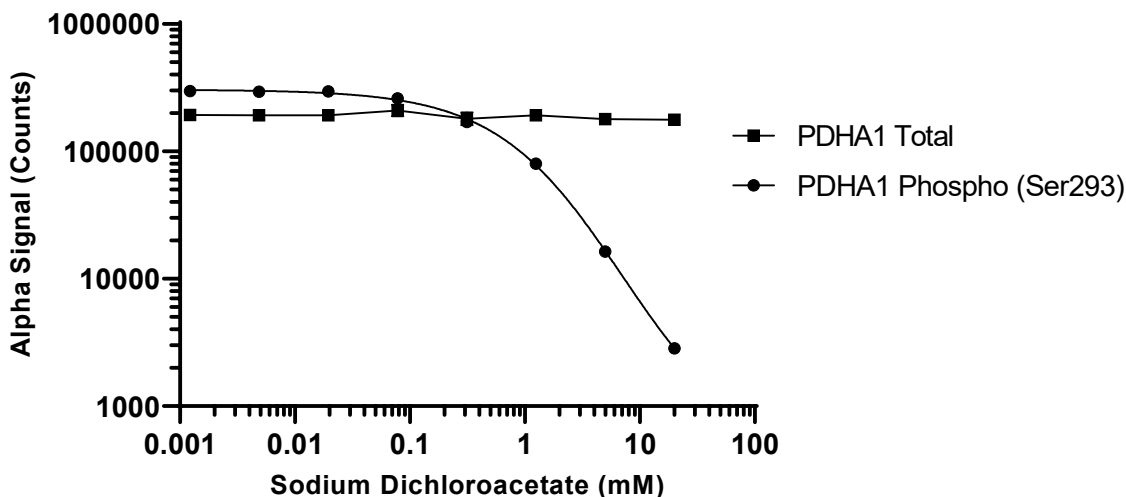
This assay kit contains antibodies which recognize the phospho-Ser293 epitope and a distal epitope on PDHA1. The protein detected by this kit corresponds to UniProt ID P08559. PDHA1 is also known as PHE1A or Pyruvate Dehydrogenase E1. These antibodies recognize PDHA1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

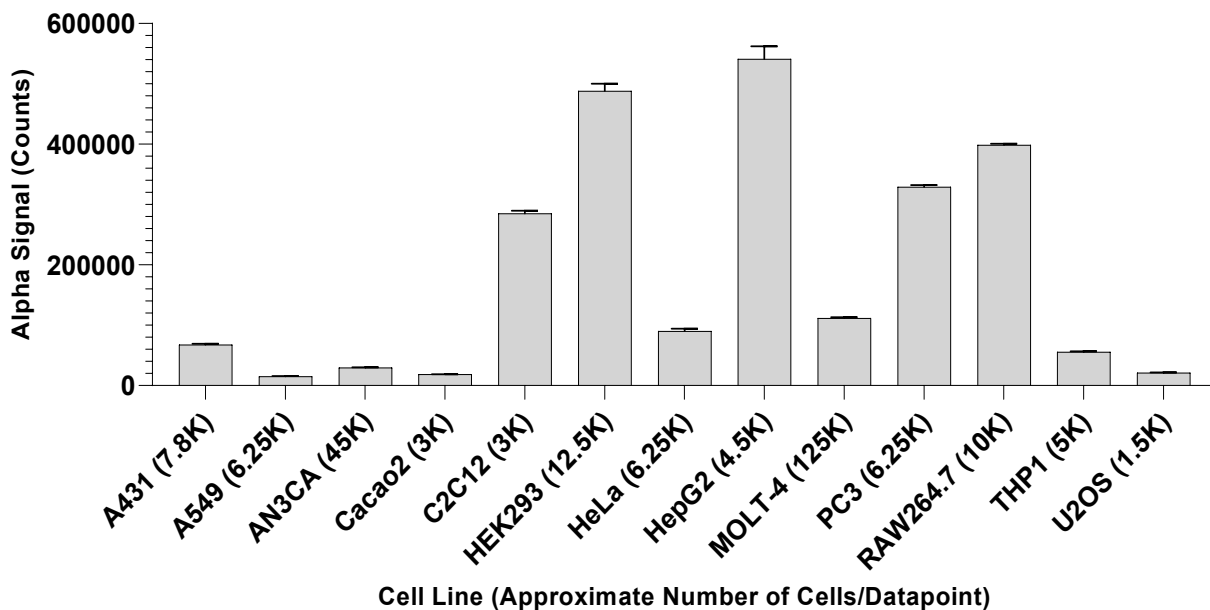
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 8 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were plated at 40K cells/well in a 96 well plate and incubated overnight. Cells were inhibited with Sodium Dichloroacetate at the indicated concentrations for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser293) and Total PDHA1 using respective kits. Data equivalent to approximately 2,000 cells/datapoint.



Data obtained from measurement of PDHA1 phospho (Ser293) in various cell types lysed with Lysis Buffer. Approximate number of cells/datapoint is indicated for the various cell lines.



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