

AlphaLISA® SureFire® Ultra™

Human and Mouse SMARCA4 Total Detection Kit

Product number: ALSU-TBRG1-A500, ALSU-TBRG1-A10K,
ALSU-TBRG1-A50K, ALSU-TBRG1-A-HV



Kit specificity:

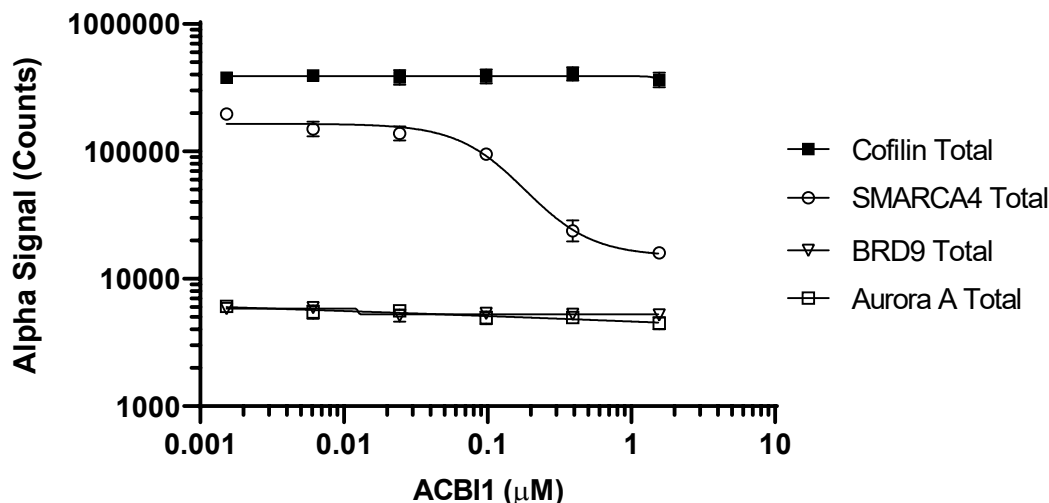
This assay kit contains antibodies which recognize distinct epitopes on SMARCA4. The protein detected by this kit corresponds to UniProt ID P51532. SMARCA4 is also known as BRG1. These antibodies recognize SMARCA4 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

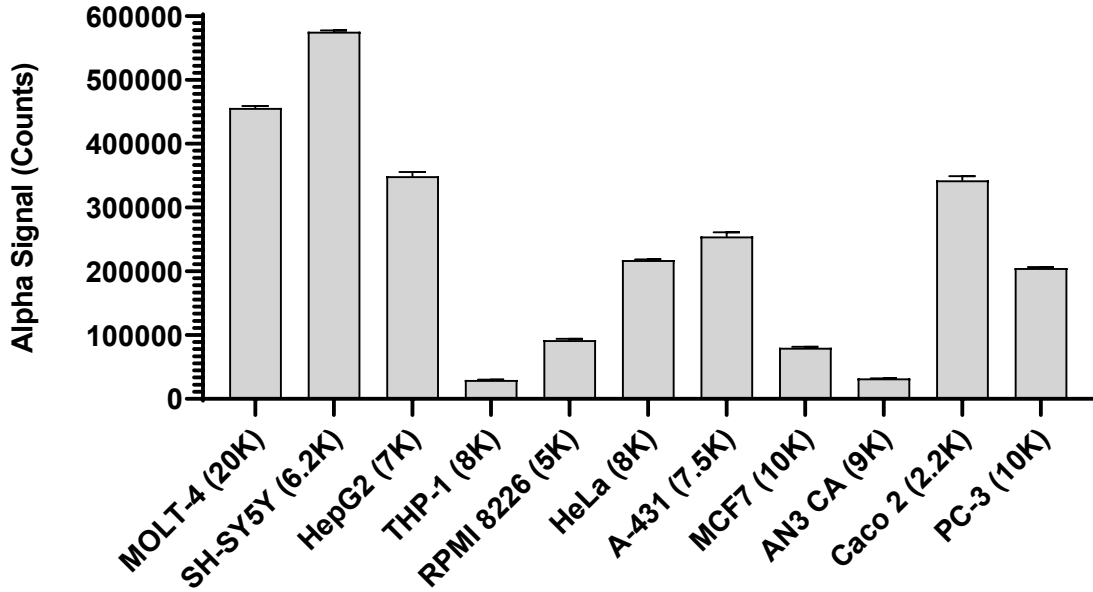
Positive Control Lysate: Prepared from SH-SY5Y cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 8 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. SH-SY5Y cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with ACBI1 (SMARCA4 PROTAC degrader) at the indicated concentrations for 4 hours. Cells were lysed with Lysis Buffer and assayed separately for Total SMARCA4, Aurora A, BRD9 and Cofilin using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained from measurement of SMARCA4 Total in various cell types lysed with Lysis Buffer. Approximate number of cells/datapoint is indicated for the various cell lines.



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