

AlphaLISA™ SureFire® Biotin Free

Human and Mouse SMARCA4 Total Detection Kit

Product number: ASBF-TSMCA4-A500, ASBF-TSMCA4-A10K,
ASBF-TSMCA4-A50K, ASBF-TSMCA4-A-HV



Kit specificity:

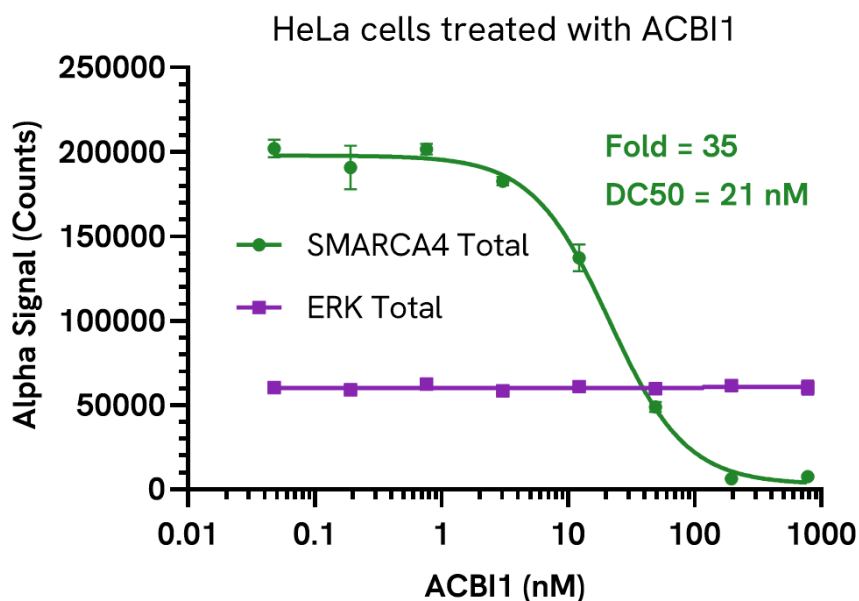
This assay kit contains antibodies which recognize distinct epitopes on SMARCA4. The protein detected by this kit corresponds to UniProt ID P51532. SMARCA4 is also known as BRG1. These antibodies recognize SMARCA4 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

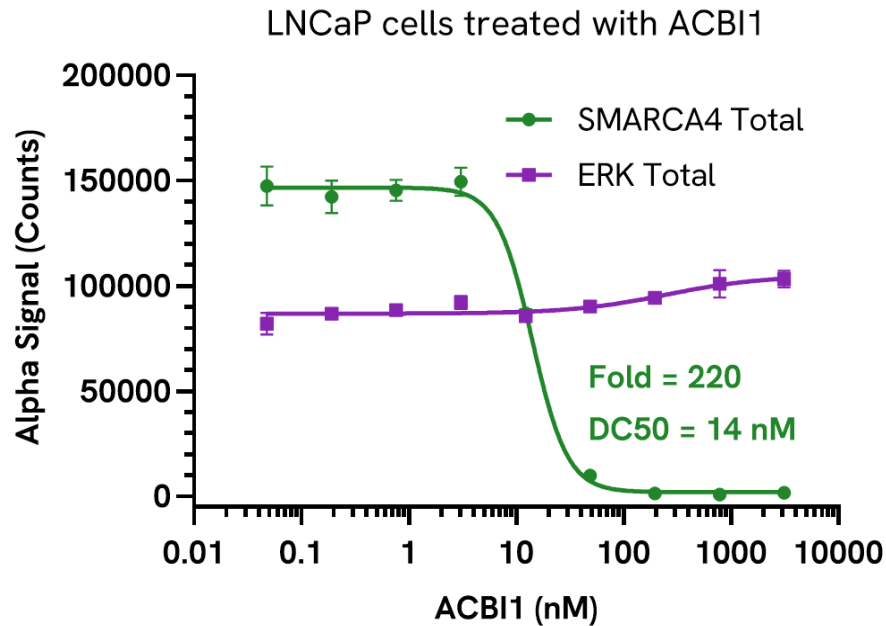
Positive Control Lysate: Prepared from SH-SY5Y cells cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 8 mL of Lysis Buffer.

Representative data:

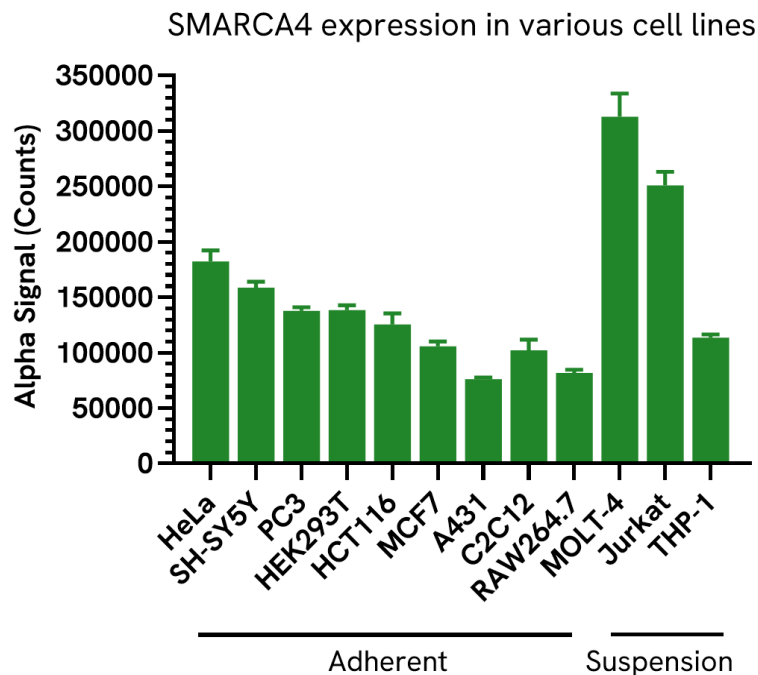
Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 200K cells/well in a 96-well plate and treated with increasing concentrations of ACBI1 PROTAC for 4 hours. Cells were lysed with 100 µL of Lysis Buffer and assayed separately for Total SMARCA4 and Total ERK using respective SureFire Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



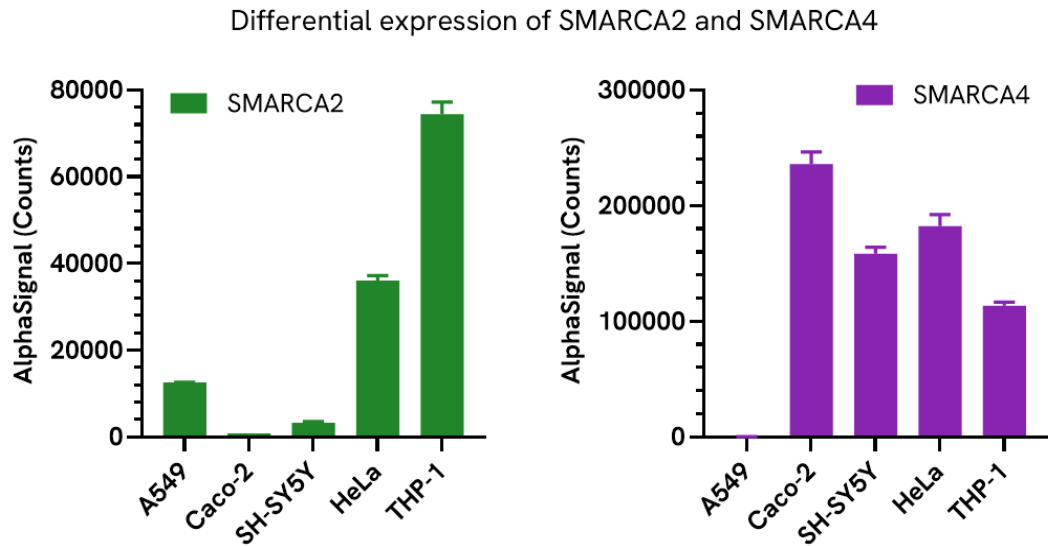
Data obtained with a 2-plate, 2-incubation protocol. LNCaP cells were seeded at 300K cells/well in a 96-well plate and treated with increasing concentrations of ACBI1 PROTAC for 4 hours. Cells were lysed with 100 μ L of Lysis Buffer and assayed separately for Total SMARCA4 and Total ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 6,000 cells/datapoint.



Data obtained from measurement of SMARCA4 Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 4,000 cells/datapoint for adherent cells or 40,000 cells/datapoint for suspension cells.



Data obtained from measurement of SMARCA2 and SMARCA4 Total in various cell types lysed with Lysis Buffer.
Equivalent to approximately 4,000 cells/datapoint for adherent cells or 40,000 cells/datapoint for suspension cells.



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