

AlphaLISA™ SureFire® Biotin Free

Human and Mouse SMARCA2 Total Detection Kit

Product number: ASBF-TSMCA2-A500, ASBF-TSMCA2-A10K,
ASBF-TSMCA2-A50K, ASBF-TSMCA2-A-HV



Kit specificity:

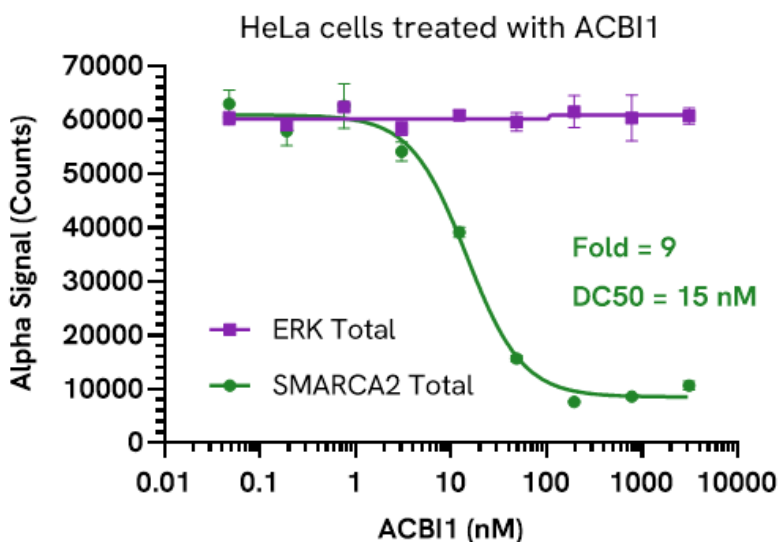
This assay kit contains antibodies which recognize distinct epitopes on SMARCA2. The protein detected by this kit corresponds to UniProt ID P51531. SMARCA2 is also known as SNF2-alpha and BRM. These antibodies recognize SMARCA2 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

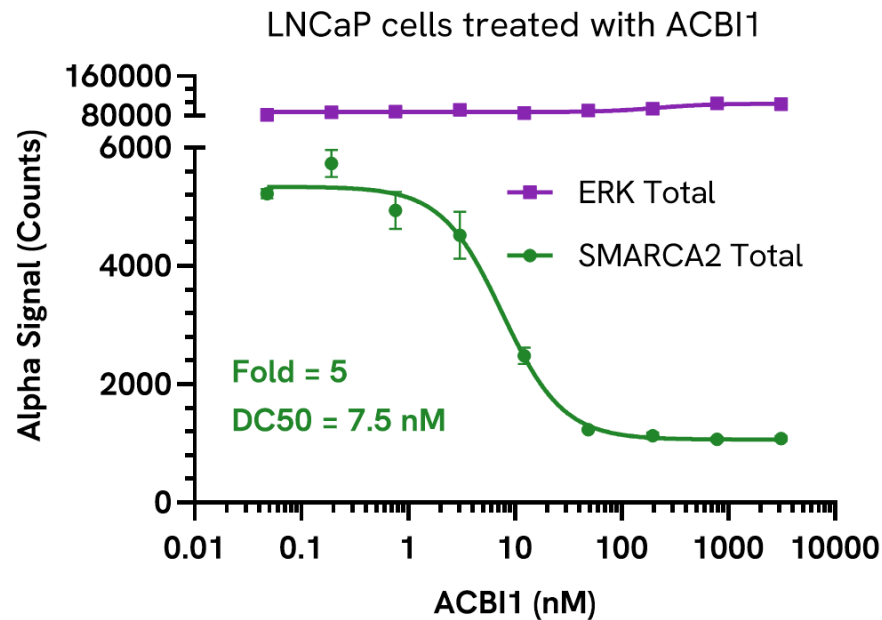
Positive Control Lysate: Prepared from HeLa cells cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 5 mL of Lysis Buffer.

Representative data:

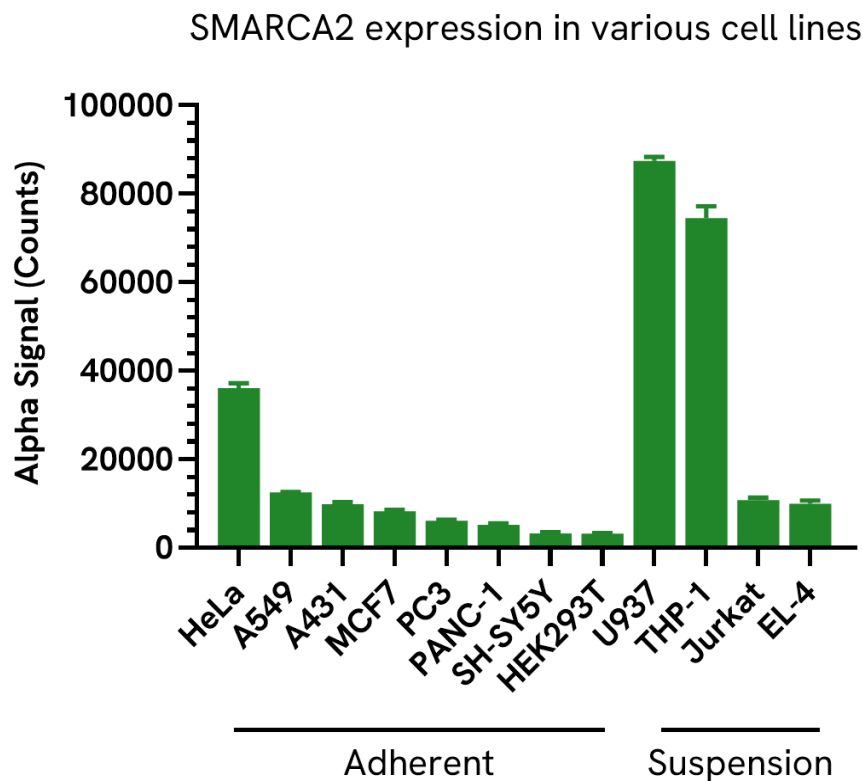
Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 200K cells/well in a 96-well plate and treated with increasing concentrations of ACBI1 PROTAC for 4 hours. Cells were lysed with 100 µL of Lysis Buffer and assayed separately for Total SMARCA2 and Total ERK using respective SureFire Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



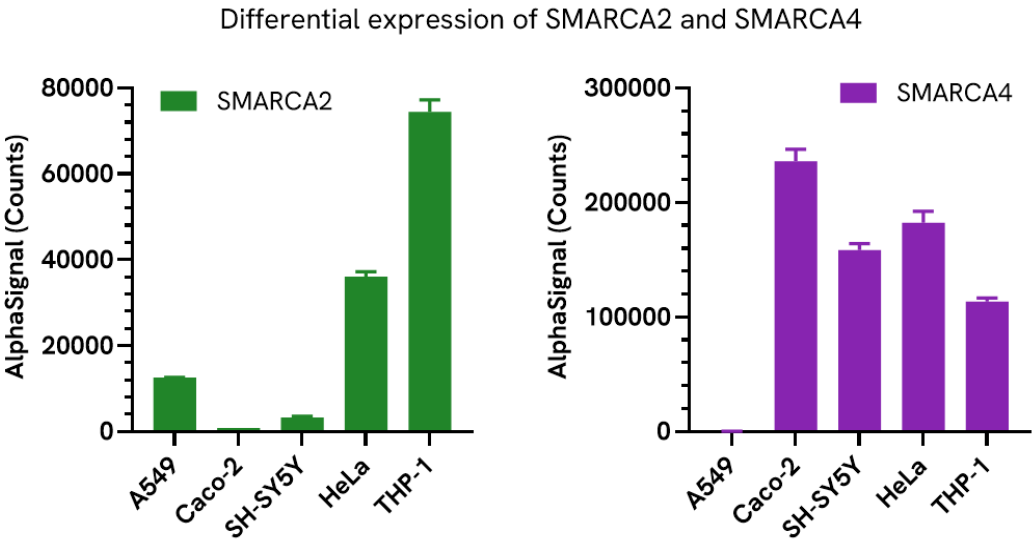
Data obtained with a 2-plate, 2-incubation protocol. LNCaP cells were seeded at 300K cells/well in a 96-well plate and treated with increasing concentrations of ACBI1 PROTAC for 4 hours. Cells were lysed with 100 μ L of Lysis Buffer and assayed separately for Total SMARCA2 and Total ERK using respective *SureFire* Biotin Free kits. Equivalent to approximately 6,000 cells/datapoint.



Data obtained from measurement of SMARCA2 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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