

AlphaLISA™ SureFire® Biotin Free

Human BRD4 Total Detection Kit

Product number: ASBF-TBRD4-A500, ASBF-TBRD4-A10K,
ASBF-TBRD4-A50K, ASBF-TBRD4-A-HV



Kit specificity:

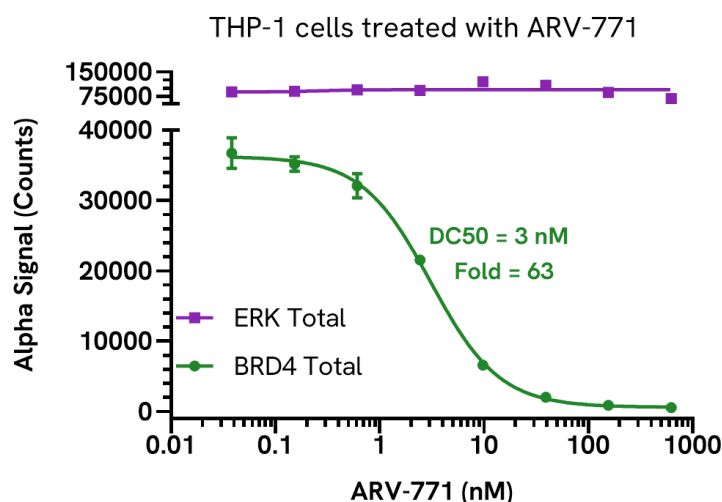
This assay kit contains antibodies which recognize distinct epitopes on BRD4. The protein detected by this kit corresponds to UniProt ID O60885. BRD4 is also known as Bromodomain-containing protein 4 and Protein HUNK1. These antibodies recognize BRD4 of human origin. Other species should be tested on a case-by-case basis.

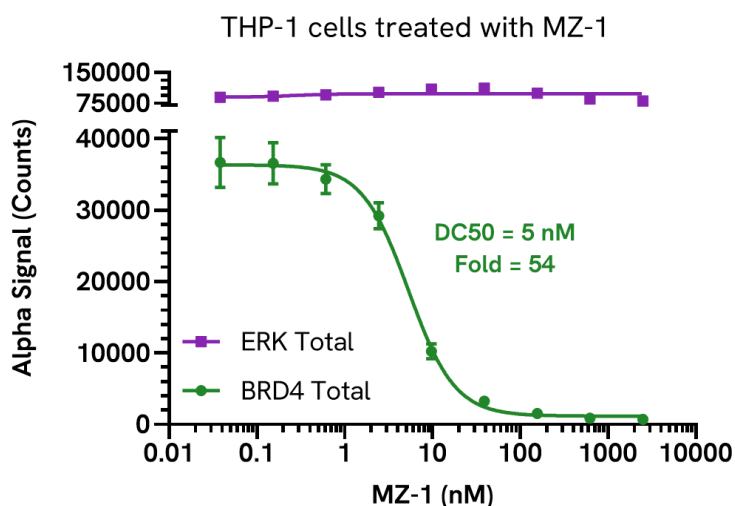
Control lysate information:

Positive Control Lysate: Prepared from RT4 cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 20 mL of Lysis Buffer.

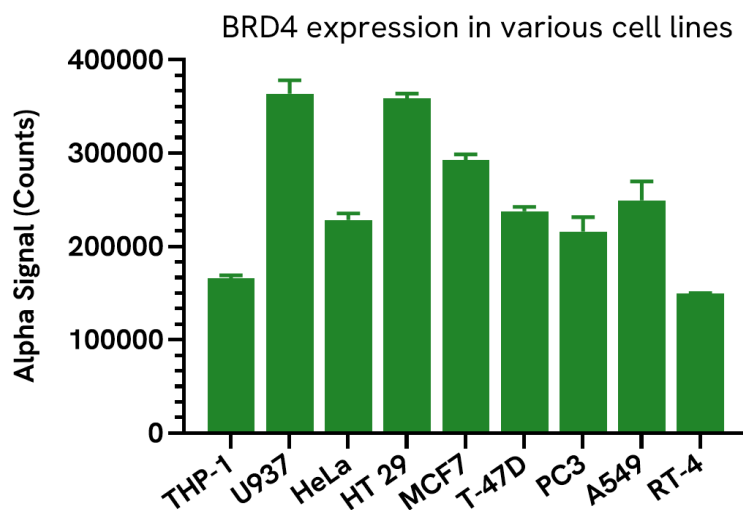
Representative data:

Data obtained using a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 200K cells/well in a 96 well plate and treated with increasing concentrations of BRD4 PROTACs, ARV771 or MZ-1 for 18 hours. Cells were spun down, lysed with Lysis Buffer and assayed separately for BRD4 and ERK Total using respective SureFire Biotin Free kits. Equivalent to approximately 5,000 cells/datapoint for BRD4 and 20,000 cells/datapoint for ERK.





Data obtained from measurement of BRD4 Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 10,000 cells/datapoint.



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