

AlphaLISA® SureFire® Ultra™

Human and Mouse BRD7 Total Detection Kit

Product number: ALSU-TBRD7-A500, ALSU-TBRD7-A10K,
ALSU-TBRD7-A50K, ALSU-TBRD7-A-HV



Kit specificity:

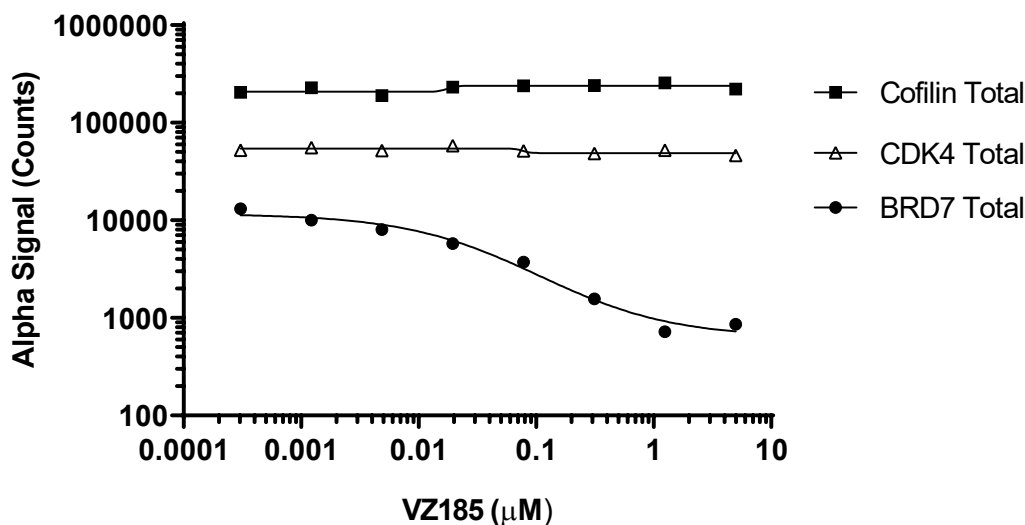
This assay kit contains antibodies which recognize distinct epitopes on BRD7. The protein detected by this kit corresponds to UniProt ID Q9NPI1. BRD7 is also known as Bromodomain-containing protein 7 and Protein CELTIX-1. These antibodies recognize BRD7 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

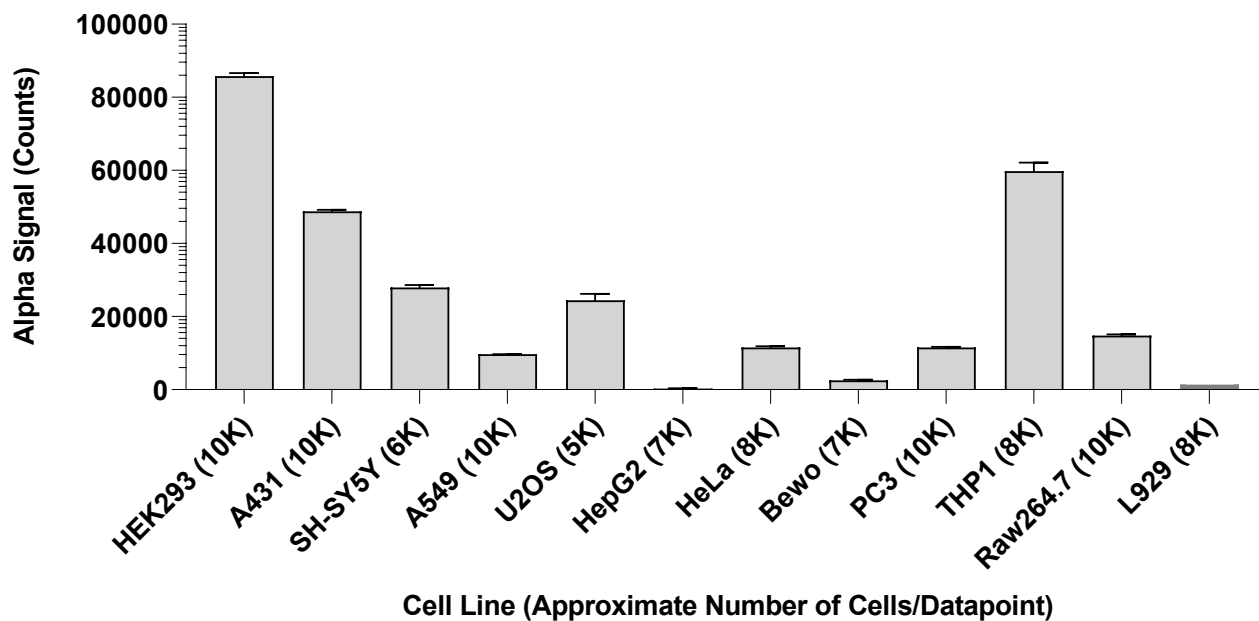
Positive Control Lysate: Prepared from HEK293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, lysed with 4mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with VZ185 (BRD7 PROTAC Degrader) at the indicated concentrations for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for BRD7 Total, CDK4 Total and Cofilin Total using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint for BRD7 Total and CDK4 Total and 400 cells/datapoint for Cofilin Total.



Data obtained from measurement of BRD7 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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