

AlphaLISA® SureFire® Ultra™

## Human and Mouse CDK12 Total Detection Kit

**Product number:** ALSU-TCDK12-A500, ALSU-TCDK12-A10K,  
ALSU-TCDK12-A50K, ALSU-TCDK12-A-HV



### Kit specificity:

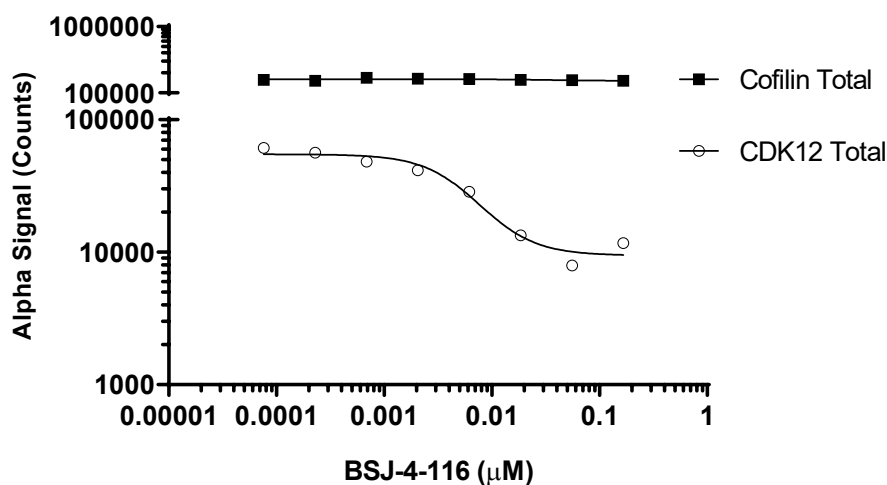
This assay kit contains antibodies which recognize distinct epitopes on CDK12. The protein detected by this kit corresponds to UniProt ID Q9NYV4. CDK12 is also known as CDC2-related protein kinase 7, CRK7 and CRKR. These antibodies recognize CDK12 of human and mouse origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

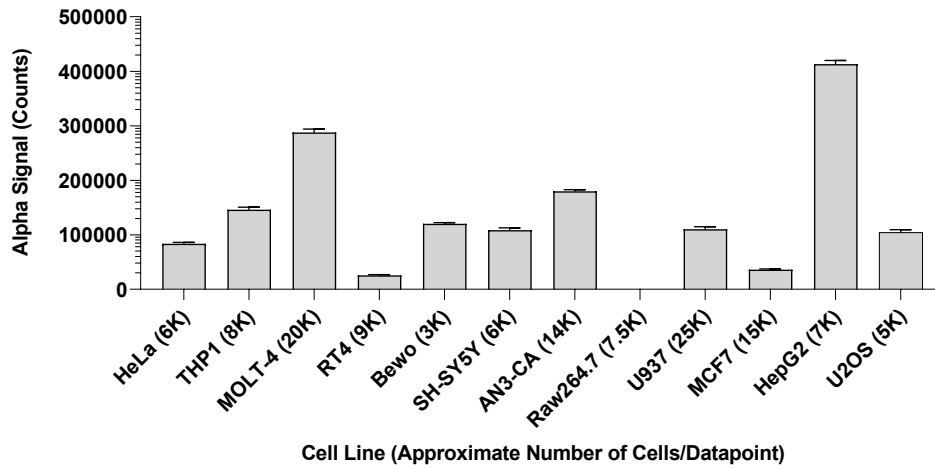
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing media and lysed with 8 mL of Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were plated at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with BSJ-4-116 (CDK12 PROTAC) at the indicated concentrations for 4 hours. Cells were lysed with Lysis Buffer and assayed separately for CDK12 Total and Cofilin Total using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint for CDK12 Total and 400 cells/datapoint for Cofilin Total.



Data obtained from measurement of CDK12 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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