AlphaLISA™ *SureFire*® Biotin Free

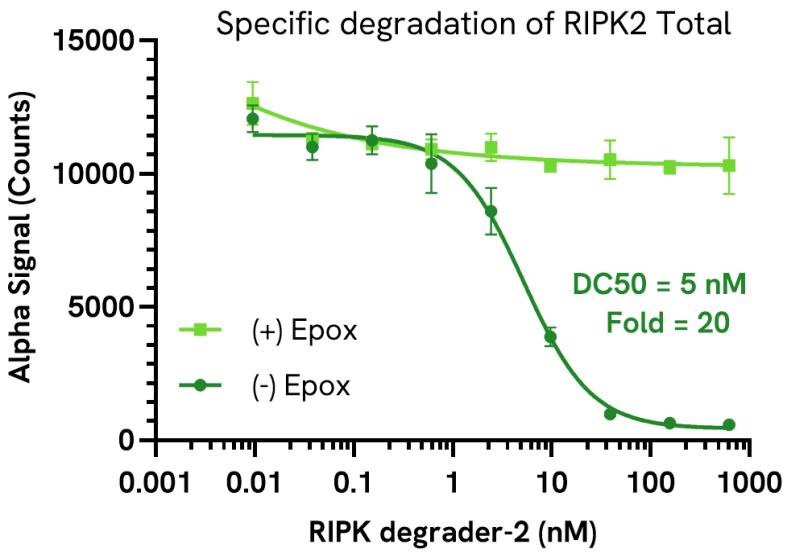
Human RIPK2 Total Detection Kit

Product number: ASBF-TRIPK2-A500, ASBF-TRIPK2-A10K, ASBF-TRIPK2-A50K, ASBF-TRIPK2-A-HV

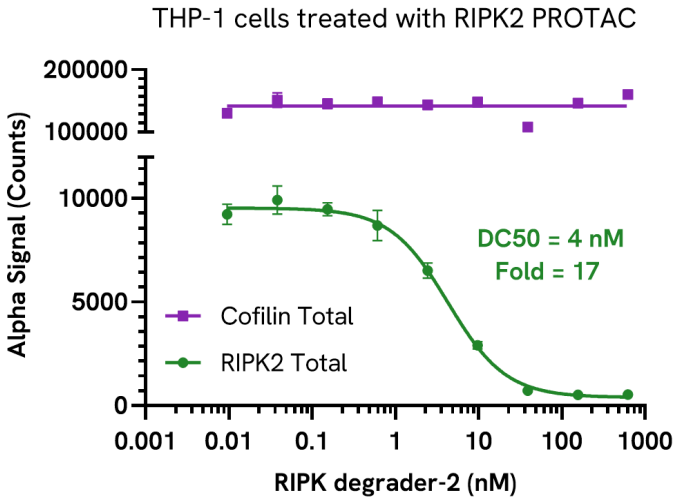
Kit specificity:
This assay kit contains antibodies which recognize distinct epitopes on RIPK2. The protein detected by this kit corresponds to UniProt ID O43353. RIPK2 is also known as Receptor-interacting serine/threonine-protein kinase 2. These antibodies recognize RIPK2 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:
Positive Control Lysate: Prepared from THP-1 cells, cultured in T175 flasks with 10% FBS containing medium and lysed at 4 x 10^6 cells/mL in Lysis Buffer.

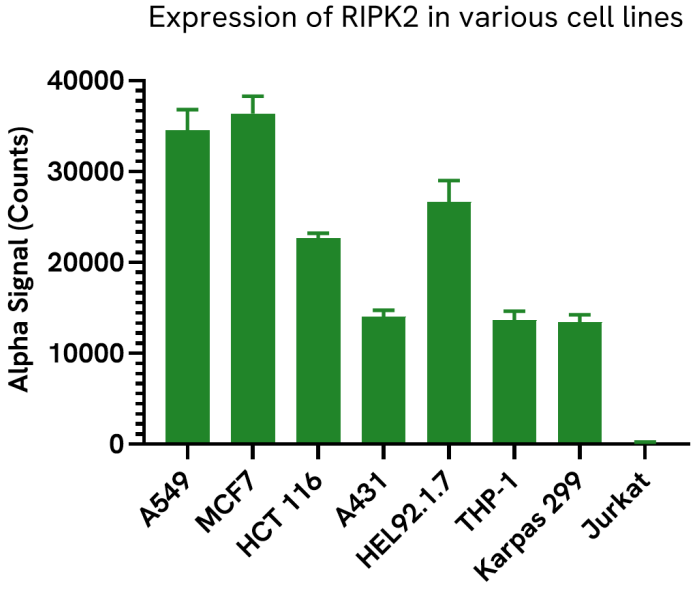
Representative data:
Data obtained with a 2-plate, 2-incubation protocol. A431 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were left untreated or treated with 2 µM epoxomicin, followed by increasing concentrations of RIPK degrader-2 for 8 hours. Cells were lysed with Lysis Buffer and assayed for RIPK2 Total using the *SureFire* Biotin Free kit. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 200K cells/well in a 96 well plate and treated with the indicated concentrations of RIPK degrader-2 for 8 hours. Cells were lysed with Lysis Buffer and assayed separately for RIPK2 and Cofilin Total using respective *SureFire* Biotin Free kits. Equivalent to approximately 20,000 cells/datapoint for RIPK2 and 1,000 cells/datapoint for Cofilin.



Data obtained from measurement of RIPK2Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 20,000 cells/datapoint for adherent cells or 16,000 cells/datapoint for suspension cells.



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