

AlphaLISA™ SureFire® Biotin Free

Human and Mouse HPRT1 Total Detection Kit

Product number: ASBF-THPRT1-A500, ASBF-THPRT1-A10K,
ASBF-THPRT1-A50K, ASBF-THPRT1-A-HV



Kit specificity:

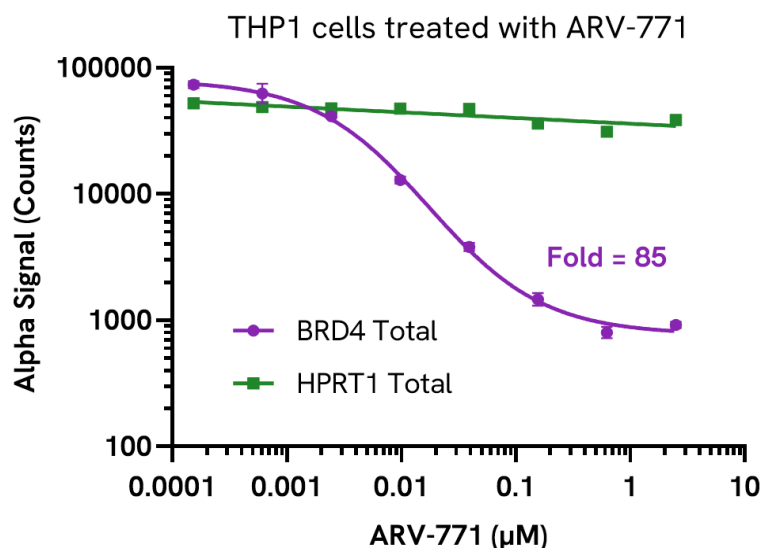
This assay kit contains antibodies which recognize distinct epitopes on HPRT1. The protein detected by this kit corresponds to UniProt ID P00492. HPRT1 is also known as Hypoxanthine-guanine phosphoribosyltransferase and HGPRT. These antibodies recognize HPRT1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

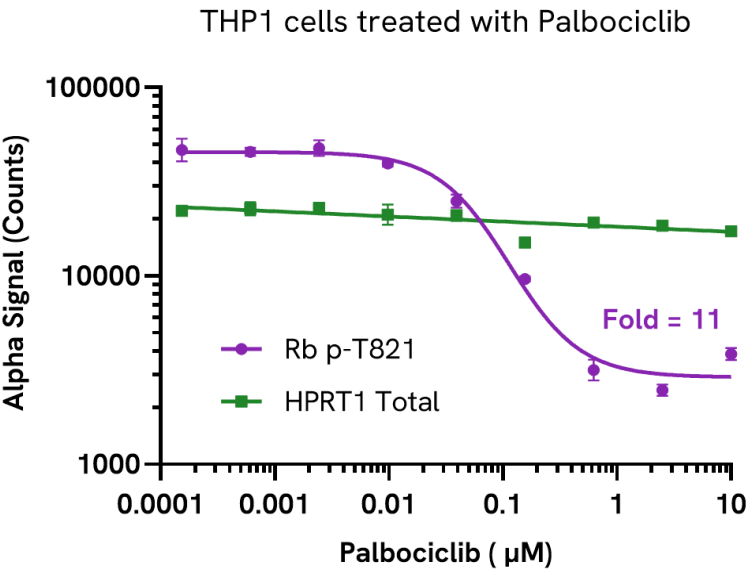
Positive Control Lysate: Prepared from HEK293 cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 16 mL of Lysis Buffer.

Representative data:

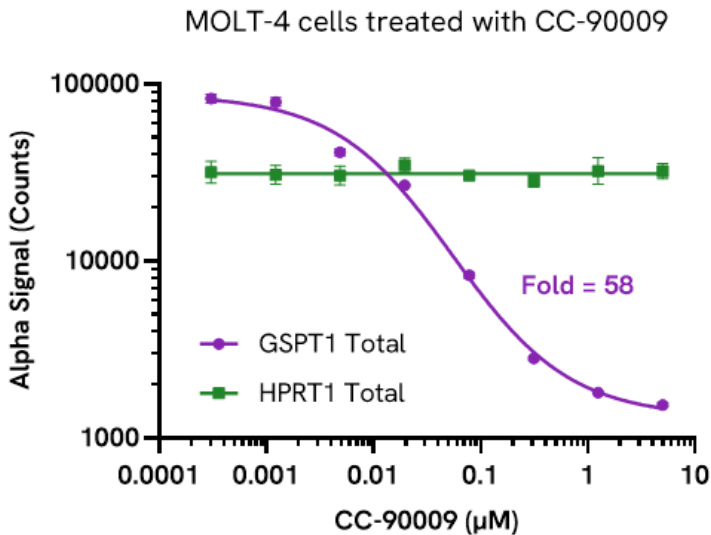
Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 200K cells/well in a 96 well plate in complete RPMI 1640 medium and treated with ARV-771 PROTAC at the indicated concentrations for 18 hours. Cells were lysed with Lysis Buffer and assayed separately for Total BRD4 and HPRT1 using respective SureFire Biotin Free kits. Equivalent to approximately 10,000 cells/datapoint.



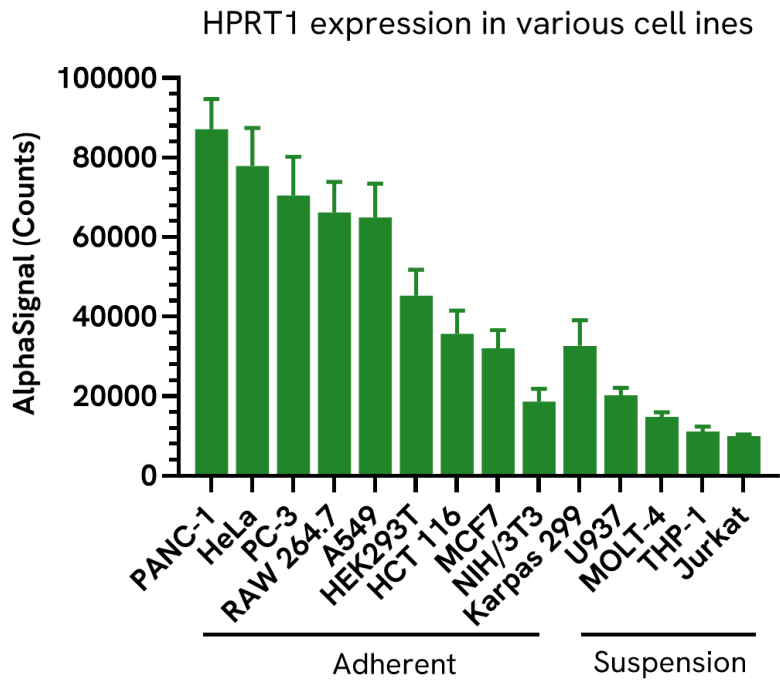
Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 200K cells/well in a 96 well plate in complete RPMI 1640 medium and treated with Palbociclib at the indicated concentrations for 24 hours. Cells were lysed with Lysis Buffer and assayed separately for Total HPRT1 and Phospho (Thr821) Rb using respective *SureFire* Biotin Free kits. Equivalent to approximately 5,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. MOLT-4 cells were seeded at 50K cells/well in a 96 well plate in complete RPMI 1640 medium and treated with CC-90009 at the indicated concentrations for 8 hours. Cells were lysed with Lysis Buffer and assayed separately for Total GSPT1 and HPRT1 using respective *SureFire* Ultra kits. Equivalent to approximately 5,000 cells/datapoint (GSPT1 Total) or 1,000 cells/datapoint (HPRT1 Total).



Data obtained from measurement of HPRT1 Total in various cell types lysed with Lysis Buffer. Equivalent to approximately 4,000 cells/datapoint.



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