

AlphaLISA™ SureFire® Biotin Free

Human Rb Total Detection Kit

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



Kit specificity:

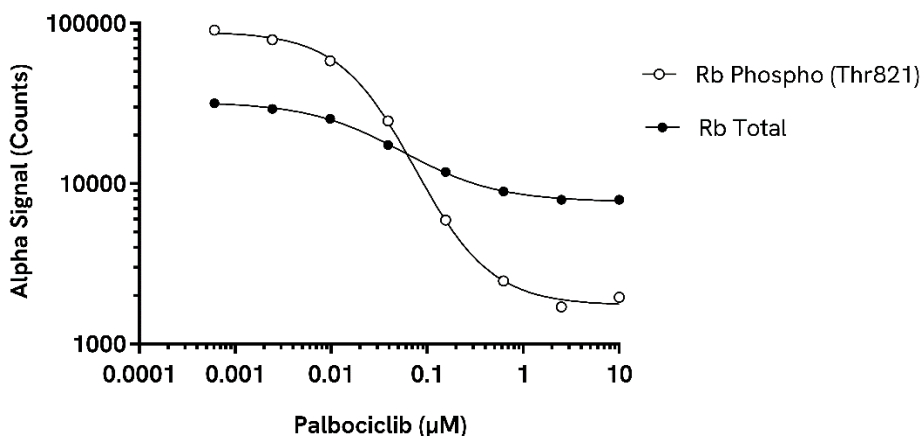
This assay kit contains antibodies which recognize distinct epitopes on retinoblastoma tumor suppressor protein (Rb). The protein detected by this kit corresponds to UniProt ID P06400. Rb is also known as p105-Rb and p110-RB1. These antibodies recognize Rb of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from Jurkat cells cultured in 10% FBS containing media. Cells were harvested and washed with HBSS + 0.1% BSA, adjusted to 4×10^6 cells/mL and lysed with the addition of 5X Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 100K 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 the addition of 5X Lysis Buffer and assayed separately for Phospho (Thr821) and Total Rb using respective SureFire Biotin Free kits. Equivalent to approximately 4,000 cells/datapoint.



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