**AlphaLISA® SureFire® Ultra™ p-Rb (Thr821/826) Assay Kit**

**Products:** ALSU-PRB-B500, ALSU-PRB-B10K, ALSU-PRB-B50K, ALSU-PRB-B-HV

**Kit-Specificity Information**
This assay kit contains antibodies that specifically recognize the phospho-Thr821/826-epitope, or an invariant epitope on retinoblastoma tumor suppressor protein (Rb). The human protein detected by this kit corresponds to Entrez Gene ID 5925. These antibodies recognize Rb of human origin. Other species should be tested on a case-by-case basis. Rb is also known as RB transcriptional corepressor 1.

**Control Lysate Information**
Positive Control Lysate: Prepared from Jurkat cells cultured in a T175 flask to 10^6 cells/mL in medium containing 10% FBS, treated with 2.5mM Pervanadate for 30 minutes, and lysed at 3.2x10^6 cells/mL with 1X SureFire Ultra Lysis buffer.

**Representative data**
Data obtained with a 2-plate, 2-incubation protocol. Caco2 cells were seeded in a 96 well plate at 0.2x10^6 cells/mL, grown overnight, and treated a further 24 hours with Palbociclib at the indicated concentrations. Medium was removed and cells lysed with 100µL of 1X Lysis buffer.

![Graph](image_url)