

AlphaLISA® SureFire® Ultra™

Human and Mouse p-Cyclin D1 (Thr286) Detection Kit

Product number: ALSU-PCYCD1-A500, ALSU-PCYCD1-A10K,
 ALSU-PCYCD1-A50K, ALSU-PCYCD1-A-HV



Kit specificity:

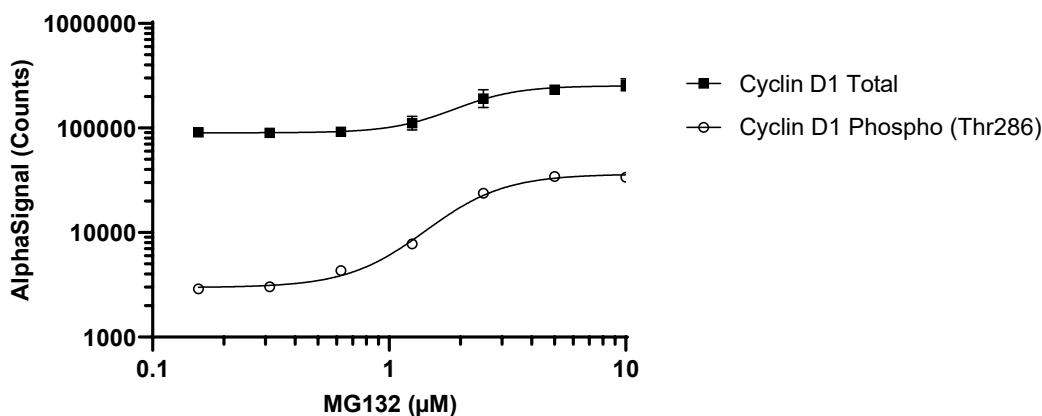
This assay kit contains antibodies which recognize the phospho-Thr286 epitope and a distal epitope on Cyclin D1. The protein detected by this kit corresponds to UniProt ID P24385. Cyclin D1 is also known as B-cell lymphoma 1 protein and CCND1. These antibodies recognize Cyclin D1 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from A-431 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, treated with 10 μ M MG132 for 2 hours and lysed with 4 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. A-431 cells were seeded at 60K cells/well and grown overnight. Cells were treated with MG132 at the indicated concentrations for 2.5 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr286) and Total Cyclin D1 using respective *SureFire Ultra* kits. Equivalent to approximately 6,000 cells/datapoint.



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