

AlphaLISA® SureFire® Ultra™

Human and Mouse Paxillin Total Detection Kit

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



Kit specificity:

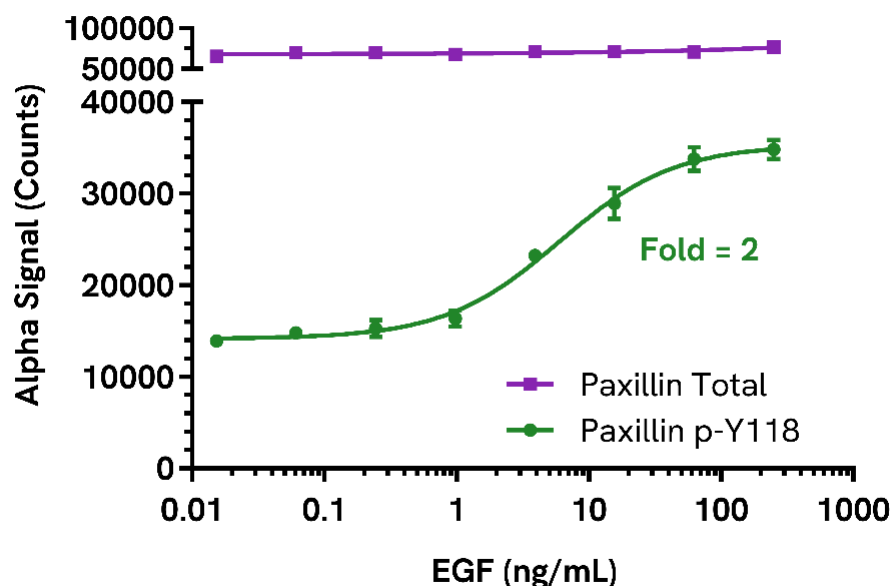
This assay kit contains antibodies which recognize distinct epitopes on Paxillin. The protein detected by this kit corresponds to UniProt ID P49023. Paxillin is also known as PXN. These antibodies recognize Paxillin of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

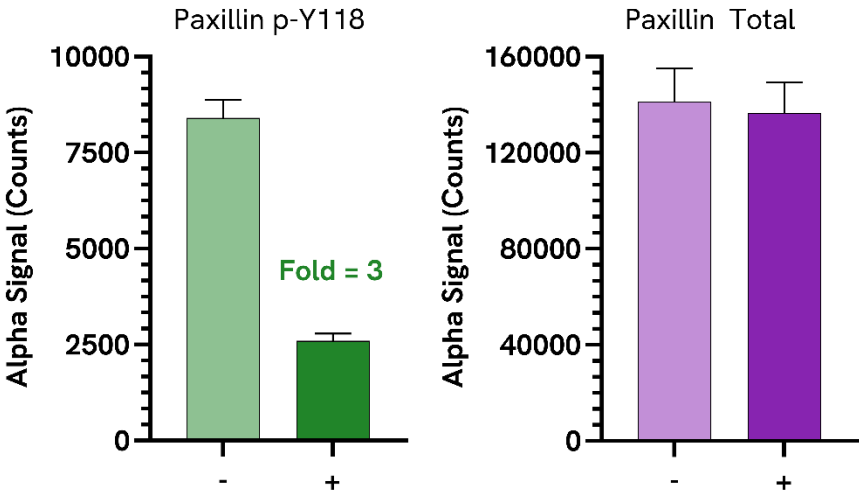
Positive Control Lysate: Prepared from A431 cells, cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 5 mL of Lysis Buffer.

Representative data:

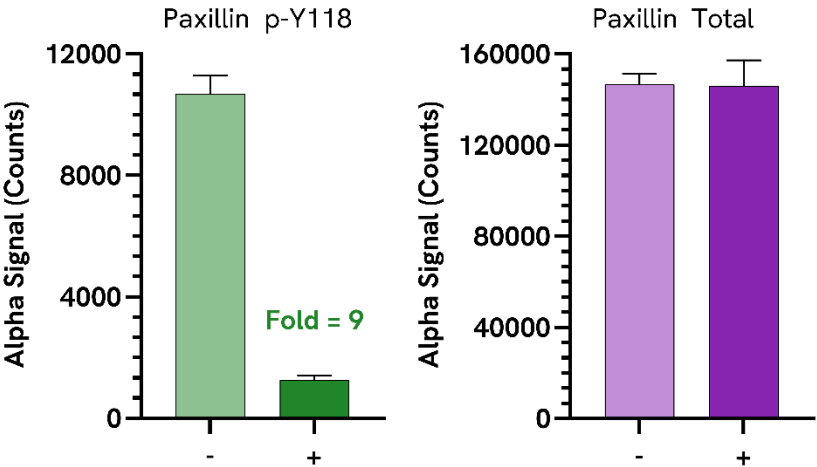
Data obtained with a 2 plate, 2 incubation protocol. HeLa cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with EGF at the indicated concentrations for 5 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr118) and Total Paxillin using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



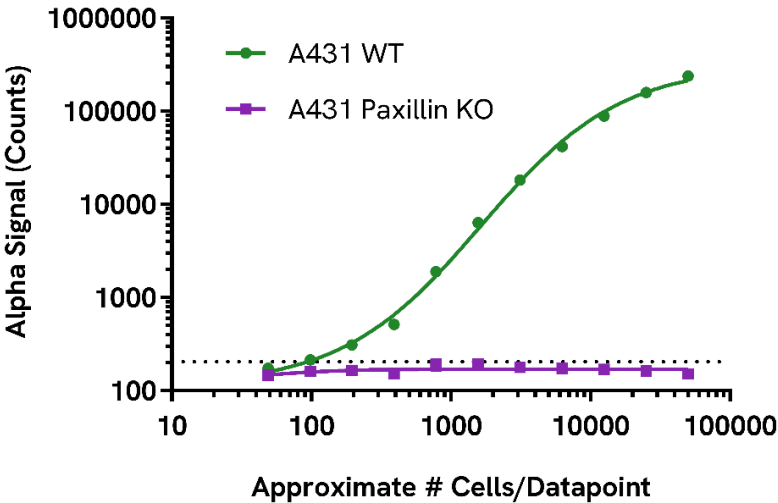
Data obtained with a 2 plate, 2 incubation protocol. PANC-1 cells were seeded at 30K cells/well in a 96 well plate and incubated overnight. Cells were untreated or treated with 50 μ M Defactinib for 3 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr118) and Total Paxillin using respective *SureFire Ultra* kits. For Total Paxillin, lysates were further diluted to work within the assay linear range. Equivalent to approximately 3,000 cells/datapoint (Phospho Paxillin) or 750 cells/datapoint (Total Paxillin).



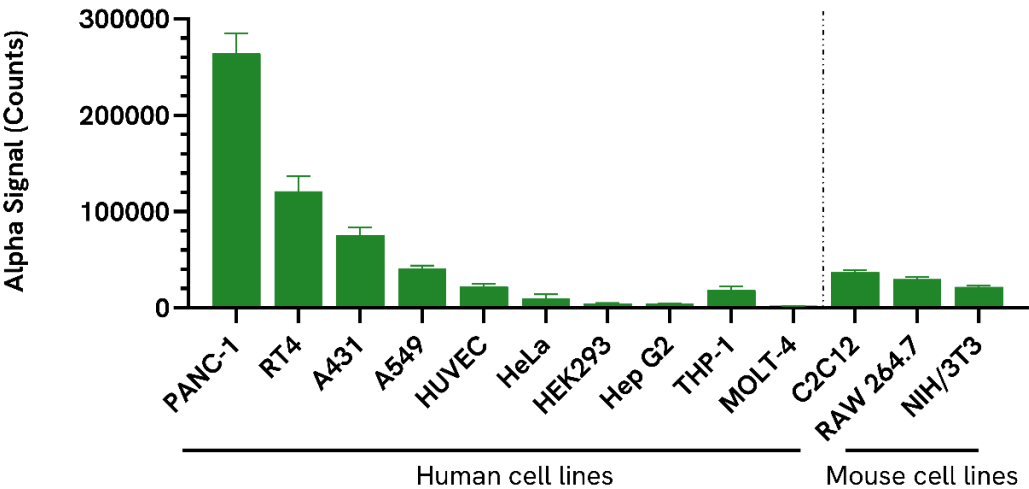
Data obtained with a 2 plate, 2 incubation protocol. PANC-1 cells were seeded at 30K cells/well in a 96 well plate and incubated overnight. Cells were untreated or treated with 50 μ M PF-562271 for 2 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr118) and Total Paxillin using respective *SureFire Ultra* kits. For Total Paxillin, lysates were further diluted to work within the assay linear range. Equivalent to approximately 3,000 cells/datapoint (Phospho Paxillin) or 750 cells/datapoint (Total Paxillin).



Data obtained with a 2-plate, 2-incubation protocol. A431 wild type (WT) and Paxillin knockout (KO, Abcam ab261892) cells were seeded at increasing cell densities in a 96 well plate and incubated overnight. Cells were lysed with Lysis Buffer and assayed for Paxillin Total using the *SureFire Ultra* kit.



Data obtained from measurement of Paxillin Total in various cell types. Adherent cell lines were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were lysed with 200 μ L of Lysis Buffer. Suspension cell lines were seeded at 400K cells/well in a 96-well plate in HBSS + 0.1% BSA, cells were spun down and lysed with 200 μ L of Lysis Buffer. Approximately 2,000 adherent cells or 20,000 suspension cells/datapoint.



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