

AlphaLISA® SureFire® Ultra™

Human and Mouse PKCθ Total Detection Kit

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



Kit specificity:

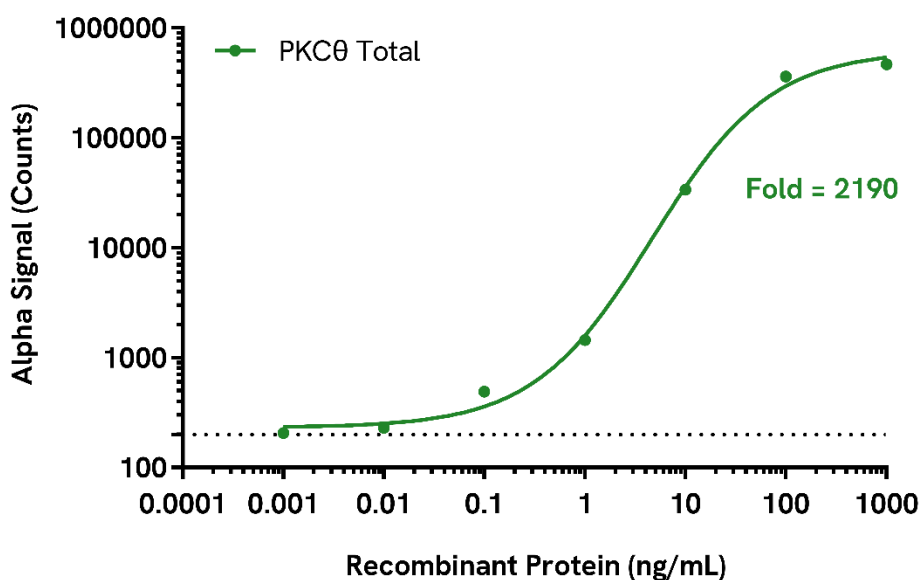
This assay kit contains antibodies which recognize distinct epitopes on PKCθ. The protein detected by this kit corresponds to UniProt ID Q04759. PKCθ is also known as Protein kinase C theta type and PRKCQ. These antibodies recognize PKCθ of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

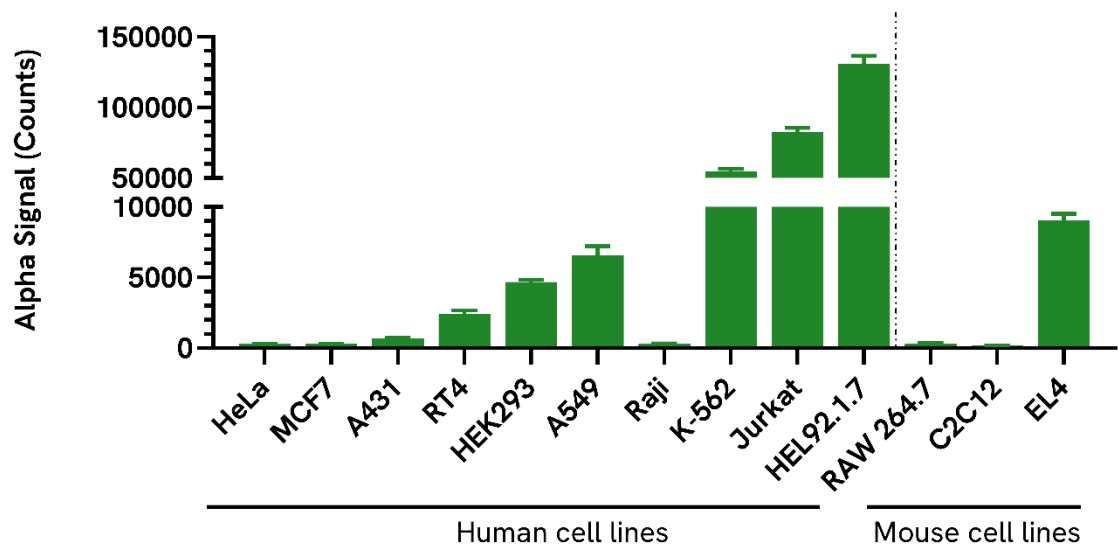
Positive Control Lysate: Prepared from Jurkat cells cultured in 10% FBS containing media. Cells were washed with HBSS + 0.1% BSA, then spun down at 300 RCF for 5 minutes and lysed in Lysis Buffer at 4×10^6 cells/mL.

Representative data:

Dilutions of recombinant PKCθ protein (Abcam, ab56641) were prepared in Lysis Buffer and assayed using the SureFire Ultra PKCθ Total kit.



Data obtained from measurement of PKCθ 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 μL of Lysis Buffer. Suspension cell lines were seeded at 800K cells/well in a 96-well plate in HBSS + 0.1% BSA, cells were spun down and lysed with 200 μL of Lysis Buffer. Approximately 2,000 adherent cells or 40,000 suspension cells/datapoint.



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