

Alpha SureFire® Ultra™ Multiplex

Human p-SYK (Tyr525/526) + Total SYK Detection Kit

Product number: MPSU-PTSYPK-K500, MPSU-PTSYPK-K10K,
MPSU-PTSYPK-K50K, MPSU-PTSYPK-K-HV



Kit specificity:

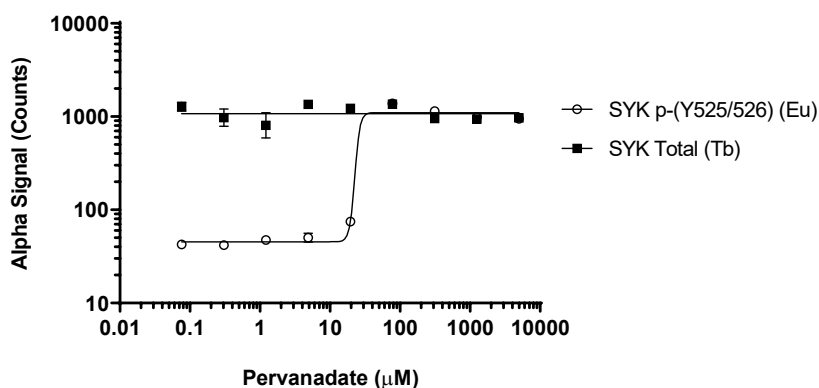
This assay kit contains antibodies which recognize the phospho-Tyr525/526 epitope and a distal epitope on SYK, plus antibodies to detect Total SYK. The protein detected by this kit corresponds to UniProt ID P43405. SYK is also known as Tyrosine-protein kinase SYK, Spleen tyrosine kinase and p72-Syk. These antibodies recognize SYK of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from U-937 cells cultured in 10% FBS containing medium. Cells were harvested and washed with HBSS + 0.1% BSA, adjusted to 2×10^6 cells/mL and then treated with 0.5 mM Pervanadate for 30 minutes. Cells were spun down at 300 RCF for 5 minutes and lysed in Lysis Buffer at 1×10^6 cells/mL.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. U-937 cells were seeded at 1×10^6 cells/mL in a 96 well plate in HBSS + 0.1% BSA and treated with Pervanadate at the indicated concentrations for 30 minutes. Cells were lysed with 5X Lysis Buffer and assayed for Phospho (Tyr525/526) and Total SYK in the same wells of an assay plate using the SureFire Ultra Multiplex kit. Equivalent to approximately 8,000 cells/datapoint.



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