

AlphaLISA® SureFire® Ultra™

Human and Mouse p-SLP-76 (Ser376) Detection Kit

Product number: ALSU-PSLP-D500, ALSU-PSLP-D10K,
 ALSU-PSLP-D50K, ALSU-PSLP-D-HV



Kit specificity:

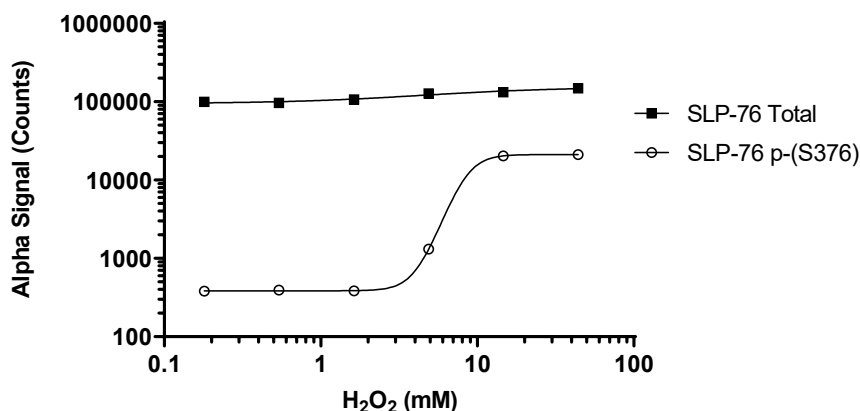
This assay kit contains antibodies which recognize the phospho-Ser376 epitope and a distal epitope on SLP-76. The protein detected by this kit corresponds to UniProt ID Q13094. SLP-76 is also known as Lymphocyte cytosolic protein 2 and SH2 domain-containing leukocyte protein of 76 kDa. These antibodies recognize SLP-76 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from RAW 264.7 cells, cultured to confluence in T175 flasks in 10% FBS containing medium, then treated with 11 mM H₂O₂ and 50 nM Calyculin A for 10 minutes and lysed with 5 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were seeded at 20K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with H₂O₂ at the indicated concentrations for 10 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser376) and Total SLP-76 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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