

AlphaLISA® SureFire® Ultra™

Human MLKL Total Detection Kit

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



Kit specificity:

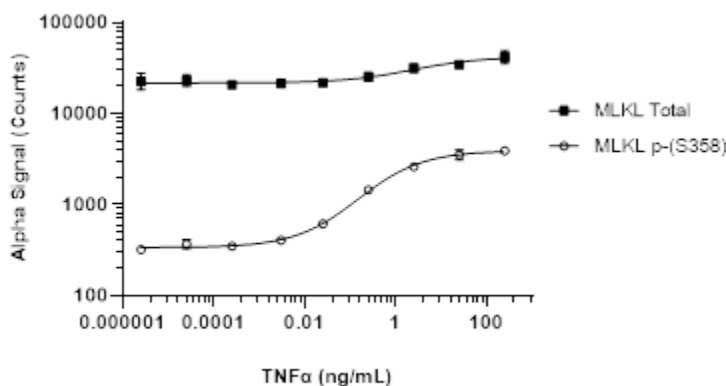
This assay kit contains antibodies which recognize distinct epitopes on MLKL. The protein detected by this kit corresponds to UniProt ID Q8NB16. MLKL is also known as Mixed lineage kinase domain-like protein. These antibodies recognize MLKL of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from U-937 cells cultured in 10% FBS containing medium. Cells were harvested and adjusted to 0.8×10^6 cells/mL and then treated with 20 μ M Z-VAD, 20 ng/mL rhTNF α and 100 nM SM-164 for 4 hours. Cells were spun down at 300 RCF for 5 minutes and lysed in Lysis Buffer at 8×10^6 cells/mL.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. U-937 cells were seeded at 300K cells/well in a 96 well plate, then treated with 20 μ M Z-VAD for 30 minutes. Then cells were treated with rhTNF α at the indicated concentrations with 100 nM SM-164 for 4 hours. Cells were washed with HBSS, lysed with Lysis Buffer and assayed separately for Phospho (Ser358) and Total MLKL using respective *SureFire Ultra* kits. Equivalent to approximately 15,000 cells/datapoint.



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