

AlphaLISA® SureFire® Ultra™

Mouse p-CSF1R (Tyr721) Detection Kit

Product number: ALSU-PCSF1R-H500, ALSU-PCSF1R-H10K,
ALSU-PCSF1R-H50K, ALSU-PCSF1R-H-HV



Kit specificity:

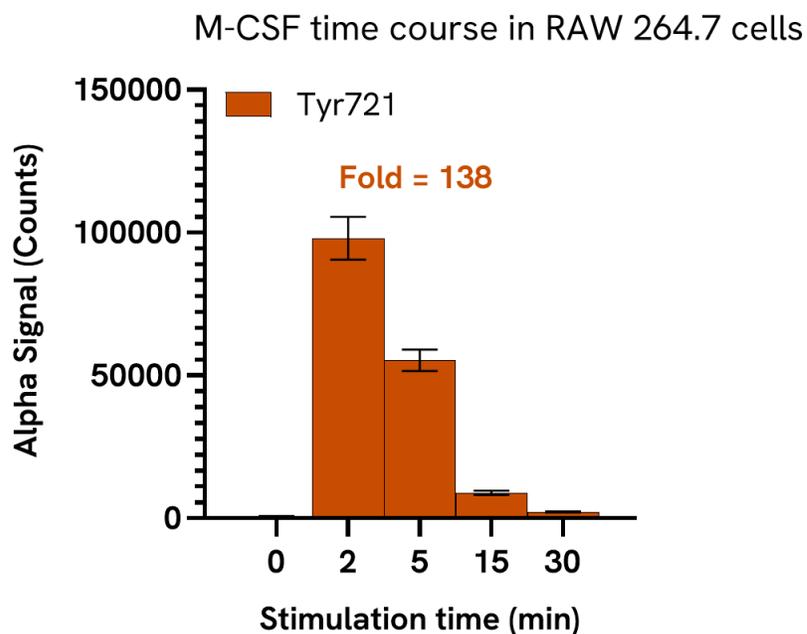
This assay kit contains antibodies which recognize the phospho-Tyr721 epitope and a distal epitope on CSF1R. The protein detected by this kit corresponds to UniProt ID P09581. CSF1R is also known as macrophage colony-stimulating factor 1 receptor. These antibodies recognize CSF1R of mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

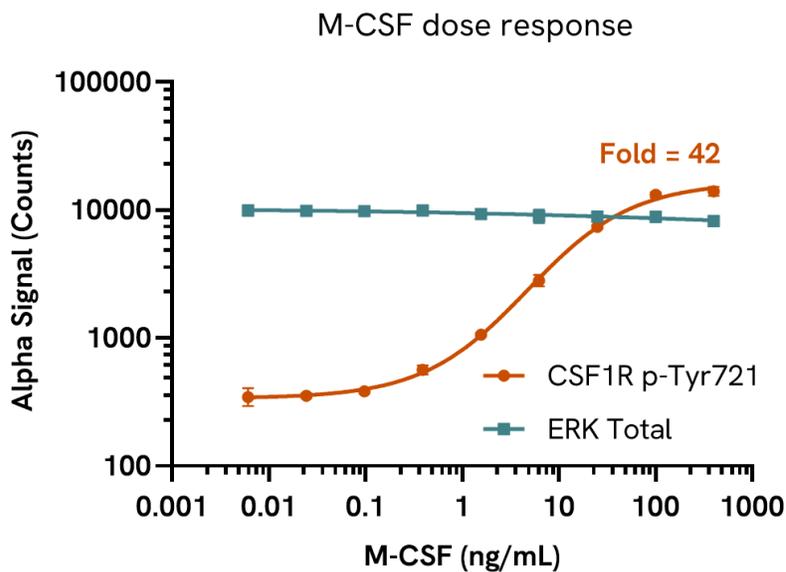
Positive Control Lysate: Prepared from RAW 264.7 cells cultured to confluence in T175 flasks in 10% FBS containing media, stimulated with 100 ng/mL human M-CSF and lysed in 4 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were treated with 200 ng/ml human M-CSF for the indicated time points. Cells were lysed with Lysis Buffer and assayed for Phospho (Tyr721) CSF1R by *SureFire Ultra*. Equivalent to approximately 5,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were seeded at 40K cells/well in a 96-well plate and incubated overnight. Cells were treated with increasing concentrations of human M-CSF for 5 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr721) CSF1R and Total ERK using respective *SureFire Ultra* kit. Equivalent to approximately 5,000 cells/datapoint.



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