

AlphaLISA® SureFire® Ultra™

Human TNFAIP3 Total Detection Kit

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



Kit specificity:

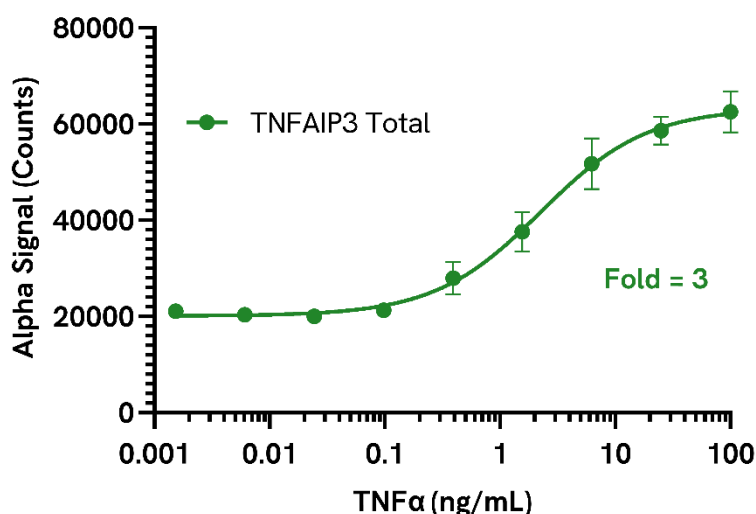
This assay kit contains antibodies which recognize distinct epitopes on TNFAIP3. The protein detected by this kit correspond to UniProt ID P21580. TNFAIP3 is also known as TNF alpha-induced protein 3 and A20. These antibodies recognize TNFAIP3 of human origin. Other species should be tested on a case-by-case basis

Control lysate information:

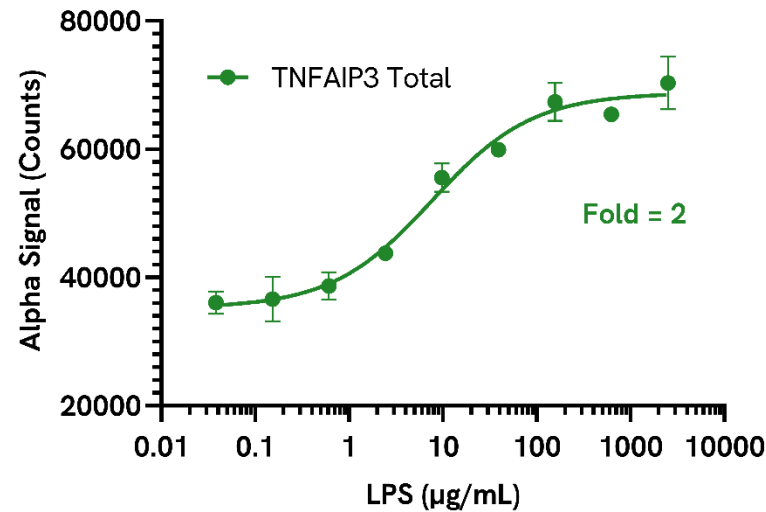
Positive Control Lysate: Prepared from HeLa cells, cultured to confluence in T175 flasks in 10% FBS containing media, then lysed with 4 mL of Lysis Buffer.

Representative data:

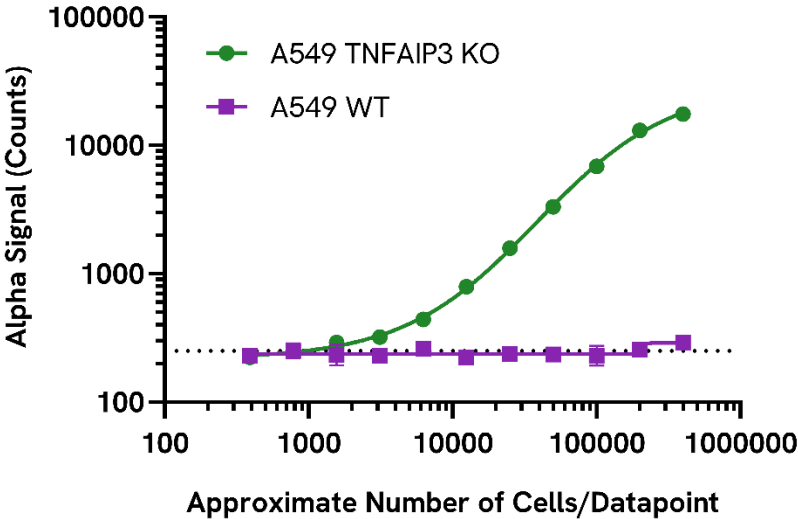
Data obtained with a 2-plate, 2-incubation protocol. HeLa cells were seeded at 40K cells/well and incubated overnight. Cells were treated with TNF α at the indicated concentrations for 5 hours. Cells were lysed with Lysis Buffer and assayed for Total TNFAIP3 using the SureFire Ultra kit. Equivalent to approximately 6,000 cells/datapoint.



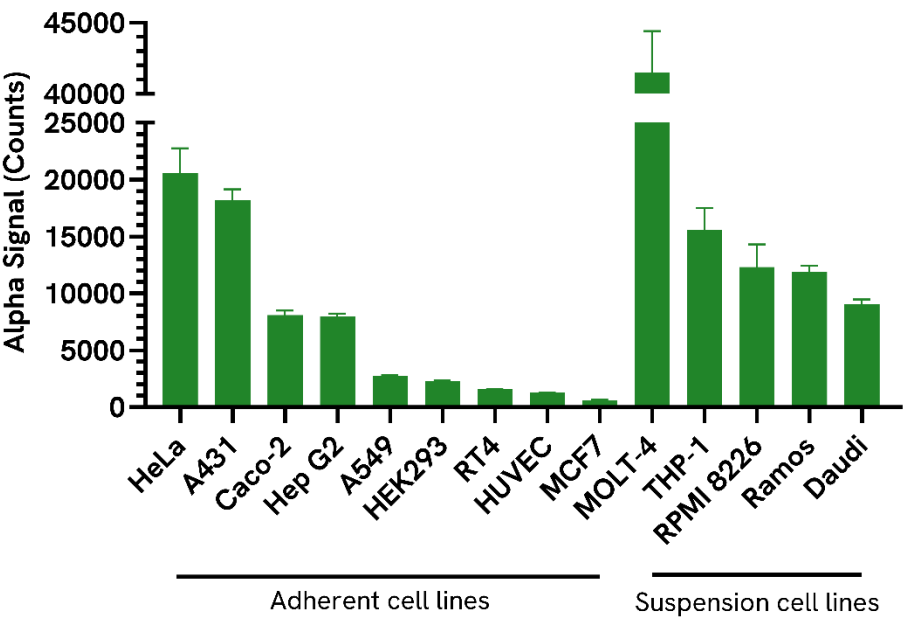
Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 50K cells/well in a 96 well plate in complete RPMI 1640 medium containing 100 nM PMA for 24 hours. Cells were treated with LPS at the indicated concentrations for 24 hours. Cells were washed with HBSS, lysed with Lysis Buffer and assayed for Total TNFAIP3 using the *SureFire Ultra* kit. Equivalent to approximately 2,500 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. A549 (WT) or TNFAIP3 knockout (KO, Abcam ab266946) cells were cultured to confluency in T175 flasks and lysed with 4 mL of Lysis Buffer. Lysates were serially diluted with Lysis Buffer and assayed for TNFAIP3 Total using the *SureFire Ultra* kit. Approximate number of cells/datapoint is indicated.



Data obtained from measurement of TNFAIP3 in various cell types lysed with Lysis Buffer. Equivalent to approximately 4,000 cells/datapoint (adherent cells) or 40,000 cells/datapoint (suspension cells).



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