

AlphaLISA® SureFire® Ultra™

Human and Mouse IRF8 Total Detection Kit

Product number: ALSU-TIRF8-A500, ALSU-TIRF8-A10K,
ALSU-TIRF8-A50K, ALSU-TIRF8-A-HV



Kit specificity:

This assay kit contains antibodies which recognize distinct epitopes on IRF8. The protein detected by this kit corresponds to UniProt ID Q02556. IRF8 is also known as Interferon regulatory factor 8 and ICSBP. These antibodies recognize IRF8 of human and mouse origin. Other species should be tested on a case-by-case basis.

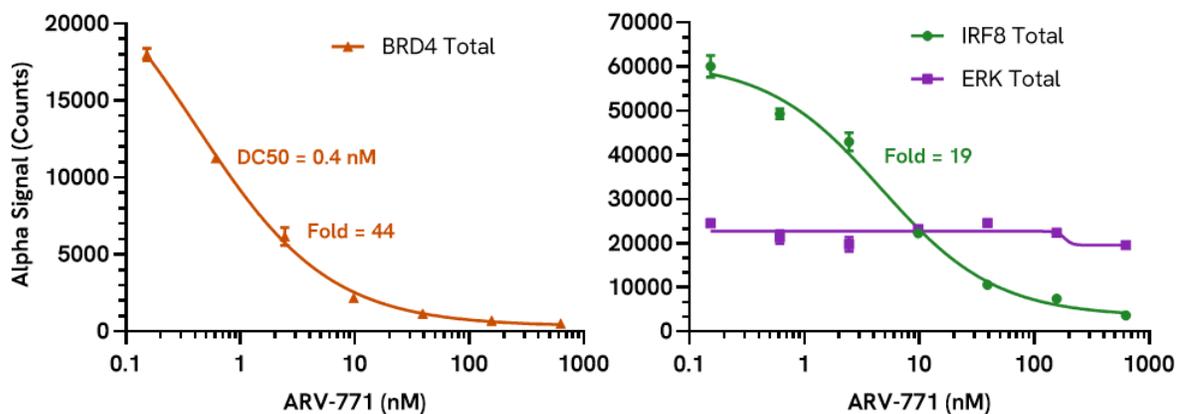
Control lysate information:

Positive Control Lysate: Prepared from THP-1 cells, cultured in T175 flasks with 10% FBS containing medium and lysed at 1.5×10^6 cells/mL in Lysis Buffer.

Representative data:

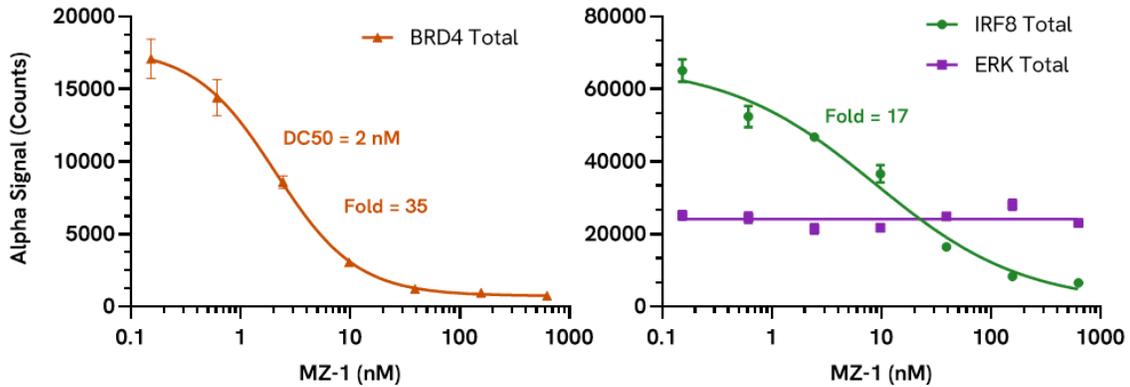
Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 200K cells/well in a 96-well plate and treated with BET PROTAC, ARV-771 at the indicated concentrations for 18 hours. After treatment, cells were washed with HBSS, lysed in Lysis Buffer and assayed for various targets using respective *SureFire Ultra* kits. Equivalent to approximately 2,000 cells/datapoint for BRD4 and IRF8 and 20,000 for ERK Total.

THP-1 cells treated with BET PROTAC



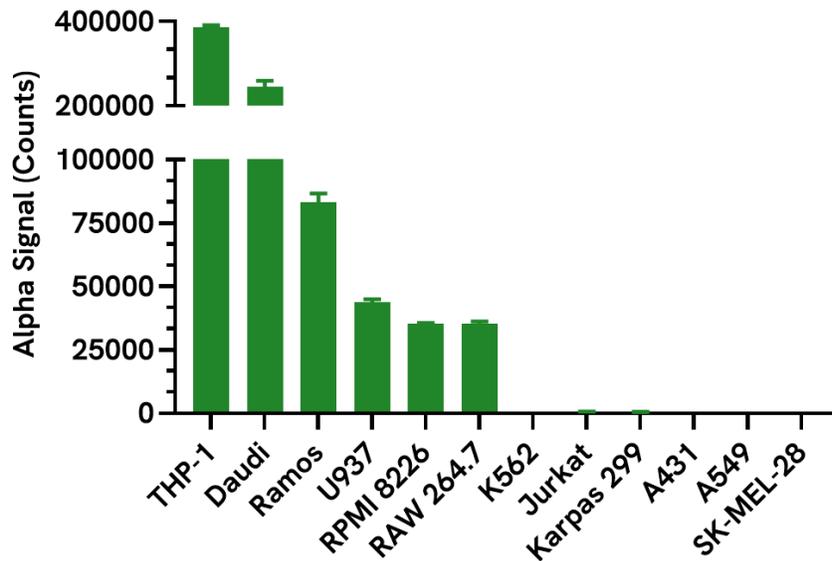
Data obtained with a 2-plate, 2-incubation protocol. THP-1 cells were seeded at 200K cells/well in a 96-well plate and treated with BET PROTAC, MZ-1 at the indicated concentrations for 18 hours. After treatment, cells were washed with HBSS, lysed in Lysis Buffer and assayed for various targets using respective *SureFire Ultra* kits. Equivalent to approximately 2,000 cells/datapoint for BRD4 and IRF8 and 20,000 for ERK Total.

THP-1 cells treated with MZ-1



Data obtained from measurement of IRF8 in various cell types lysed with Lysis Buffer. Equivalent to approximately 8,000 cells/datapoint (adherent cells) or 10,000 cells/datapoint (suspension cells).

Differential IRF8 expression in various cell lines



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