

AlphaLISA® SureFire® Ultra™

Human and Mouse Mitofusin 2 Total Detection Kit

Product number: ALSU-TMFN2-A500, ALSU-TMFN2-A10K,
ALSU-TMFN2-A50K, ALSU-TMFN2-A-HV



Kit specificity:

This assay kit contains antibodies which recognize distinct epitopes on Mitofusin 2. The protein detected by this kit corresponds to UniProt ID O95140. Mitofusin 2 is also known as MFN2 and Transmembrane GTPase MFN2. These antibodies recognize Mitofusin 2 of human and mouse origin. Other species should be tested on a case-by-case basis.

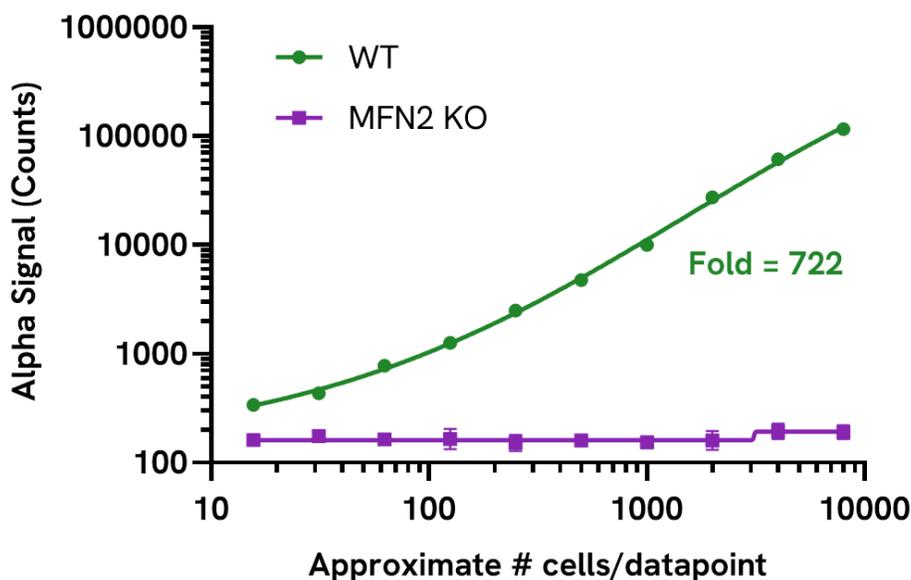
Control lysate information:

Positive Control Lysate: Prepared from HeLa cells cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 8 mL of Lysis Buffer.

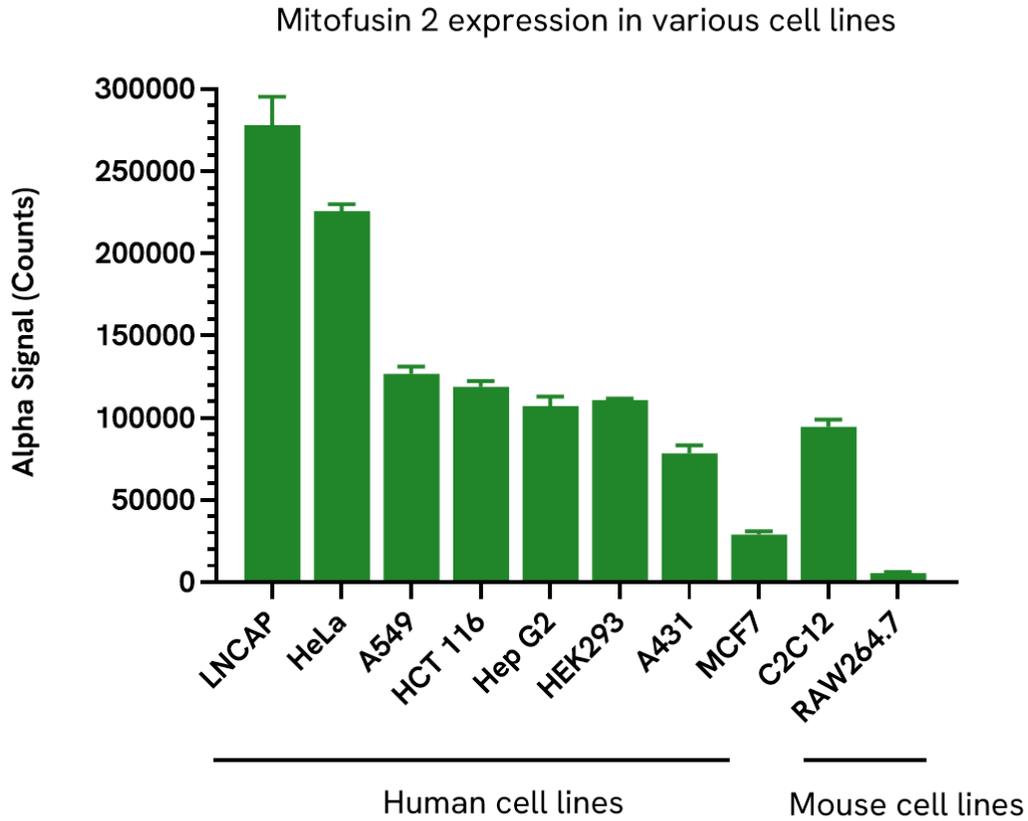
Representative data:

Data obtained with a 2-plate, 2-incubation protocol. HEK293 (WT) and MFN2 KO (Abcam ab260861) cells were seeded at increasing cell density in a 96 well plate and incubated overnight. Cells were lysed with Lysis Buffer and assayed for Mitofusin 2 using the SureFire Ultra kit. Approximate number of cells/datapoint is indicated.

Mitofusin 2 Knockout Validation



Data obtained from measurement of Mitofusin 2 in various cell types lysed with Lysis Buffer. Equivalent to approximately 5,000 cells/datapoint.



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