

AlphaLISA® SureFire® Ultra™

Human Nectin-4 Total Detection Kit

Product number: ALSU-TNECT4-A500, ALSU-TNECT4-A10K,
ALSU-TNECT4-A50K, ALSU-TNECT4-A-HV



Kit specificity:

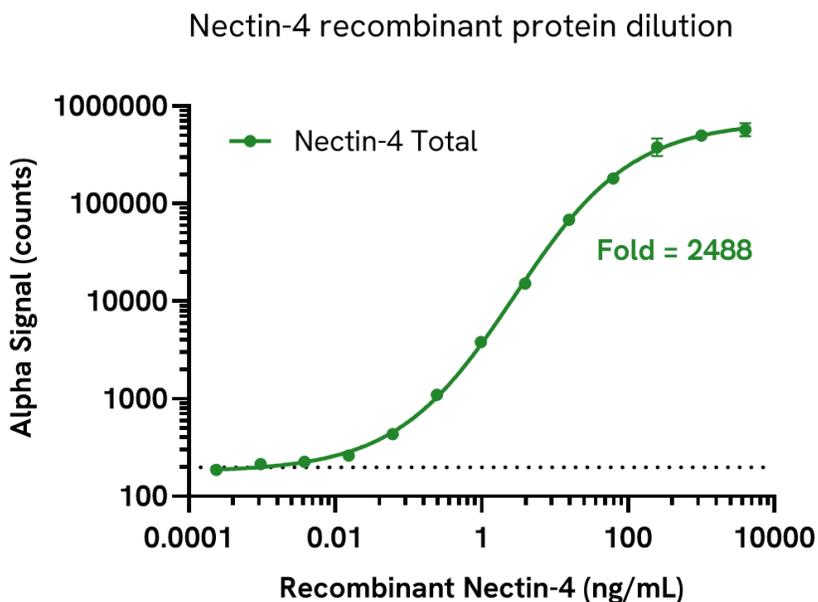
This assay kit contains antibodies which recognize distinct epitopes on Nectin 4. The protein detected by this kit corresponds to UniProt ID Q96NY8. Nectin 4 is also known as Poliovirus receptor-related protein 4 and LNIR. These antibodies recognize Nectin 4 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

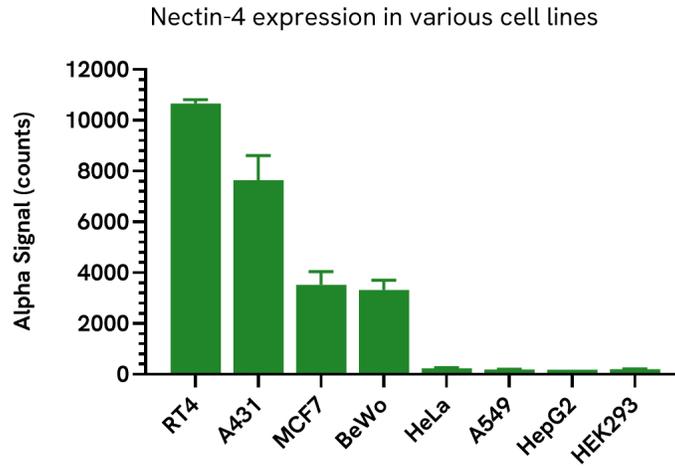
Positive Control Lysate: Prepared from A431 cells cultured to confluence in T175 flasks in 10% FBS containing medium and lysed with 4 mL of Lysis Buffer.

Representative data:

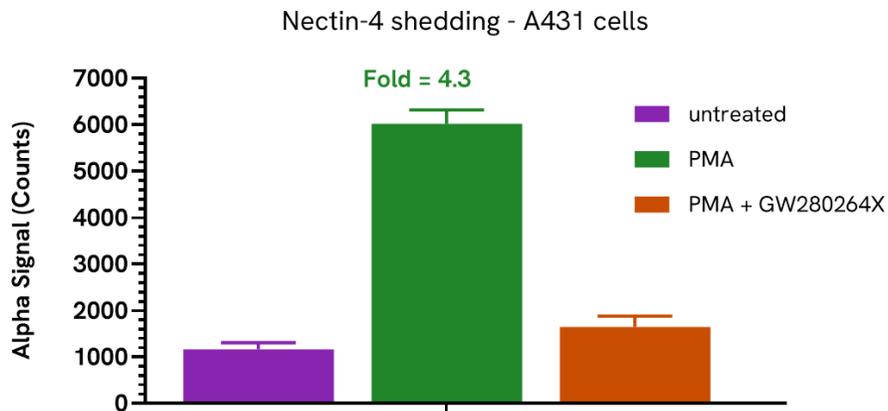
Sensitivity of the Total Nectin-4 assay was assessed by assaying recombinant Nectin-4 protein. Dilutions of recombinant Nectin-4 protein (Abcam ab307789) were prepared in Lysis Buffer and evaluated using the SureFire Ultra kit.



Data obtained from measurement of Nectin 4 in various cell types lysed with Lysis Buffer. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. A431 cells were seeded in a 96-well plate (40,000 cells/well) in complete medium and incubated overnight at 37°C, 5% CO₂. Cells were placed in fresh DMEM and then left untreated or treated with 5 nM PMA +/- 25 µM GW280264X for 24 hours. Cell supernatant was harvested and Nectin-4 levels evaluated using the *SureFire Ultra* kit.



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