

AlphaLISA® SureFire® Ultra™

Human p-ErbB3 (Tyr1289) Detection Kit

Product number: ALSU-PERB3-A500, ALSU-PERB3-A10K,
 ALSU-PERB3-A50K, ALSU-PERB3-A-HV



Kit specificity:

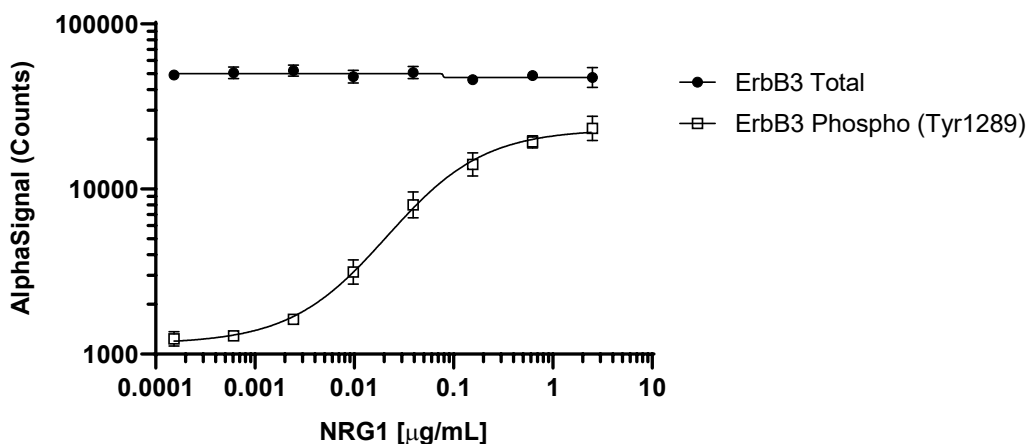
This assay kit contains antibodies which recognize the phospho-Tyr1289 epitope and a distal epitope on ErbB3. The protein detected by this kit corresponds to UniProt ID P21860. Erb-B3 is also known as HER3. These antibodies recognize ErbB3 of human origin. Other species should be tested on a case-by-case basis.

Control lysate information:

Positive Control Lysate: Prepared from MCF7 cells, cultured to confluence in T175 flasks in 10% FBS containing media, treated with 500 μ M Pervanadate for 1 hour and lysed with 5 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. MCF7 cells were seeded at 40K cells/well and incubated overnight. Cells were treated with Neuregulin1 at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr1289) and Total ErbB3 using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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