AlphaLISA® *SureFire® Ultra™*

Human p-AXL (Tyr702) Detection Kit

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

Kit specificity:

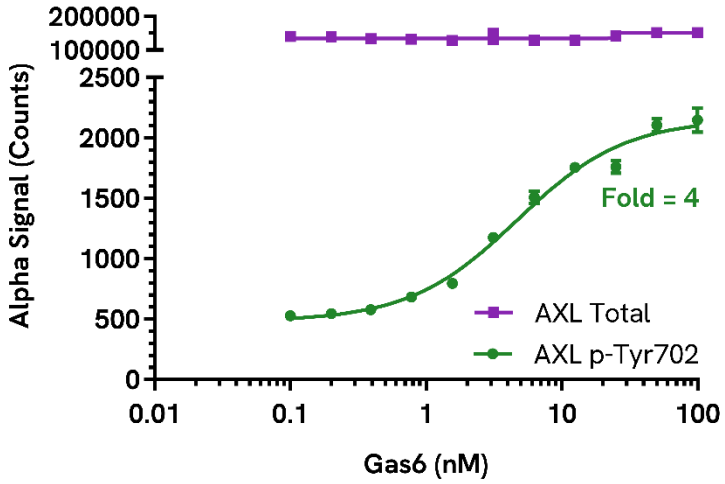
This assay kit contains antibodies which recognize phospho-Tyr702 epitope and a distal epitope on AXL. The protein detected by this kit corresponds to UniProt ID P30530. AXL is also known as Tyrosine-protein kinase receptor UFO. These antibodies recognize AXL of human origin. Other species should be 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 medium. Cells were treated with 10 mM H_2O_2 for 15 minutes and lysed with 4 mL of Lysis Buffer.

Representative data:

Data obtained with a 2-plate, 2-incubation protocol. A549 cells were seeded at 40K cells/well in a 96 well plate and incubated overnight. Cells were treated with Gas6 protein at the indicated concentrations for 15 minutes. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Tyr702) and Total AXL using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



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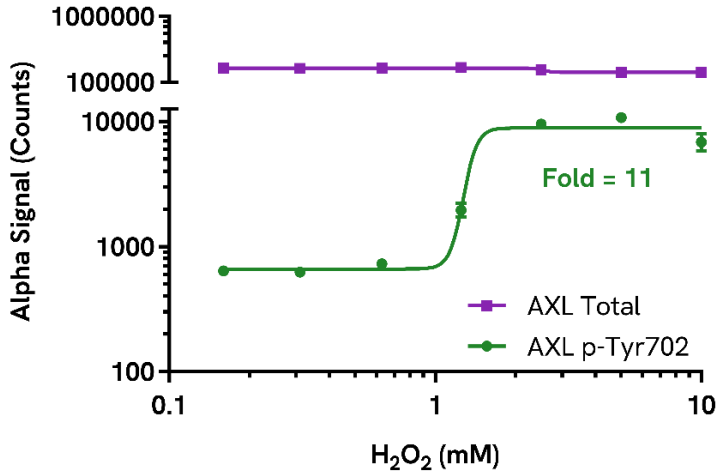

Data obtained with a 2-plate, 2-incubation protocol. A549 wild type (WT) and A549 AXL knockout (KO, Abcam ab273744) cell lines were seeded at various cell densities in a 96 well plate and incubated overnight. Cells were treated with 100 µM Pervanadate for 15 minutes and lysed with Lysis Buffer. The cell lysate was assayed for Phospho (Tyr702) AXL.