

AlphaLISA® SureFire® Ultra™

Human and Mouse p-RAB12 (Ser106) Detection Kit

Product number: ALSU-PRAB12-A500, ALSU-PRAB12-A10K,
ALSU-PRAB12-A50K, ALSU-PRAB12-A-HV



Kit specificity:

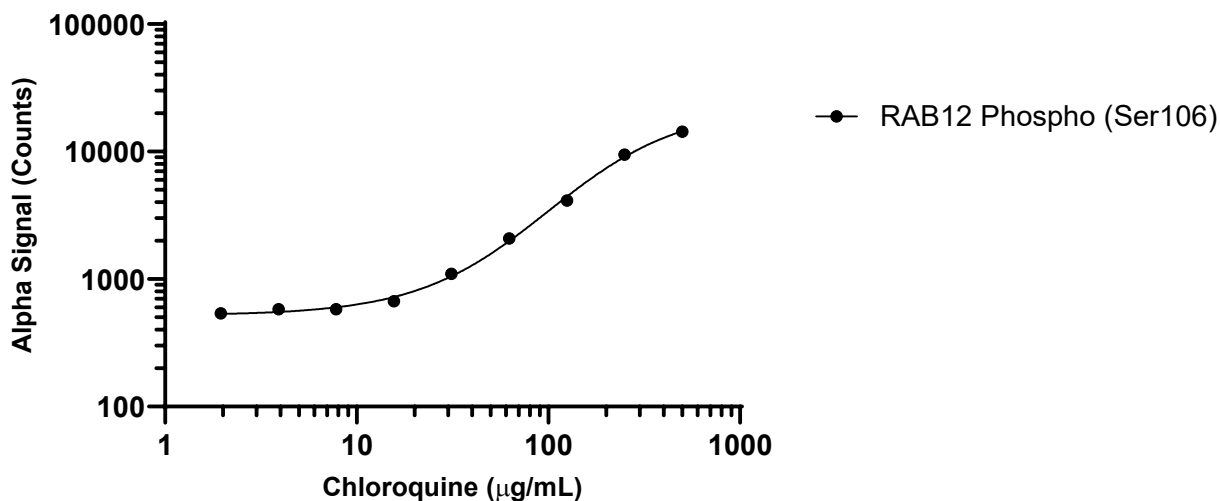
This assay kit contains antibodies which recognize the phospho-Ser106 epitope and a distal epitope on RAB12. The protein detected by this kit corresponds to UniProt ID Q6IQ22. RAB12 is also known as Ras-related protein Rab-12. These antibodies recognize RAB12 of human and mouse origin. Other species should be tested on a case-by-case basis.

Control lysate information:

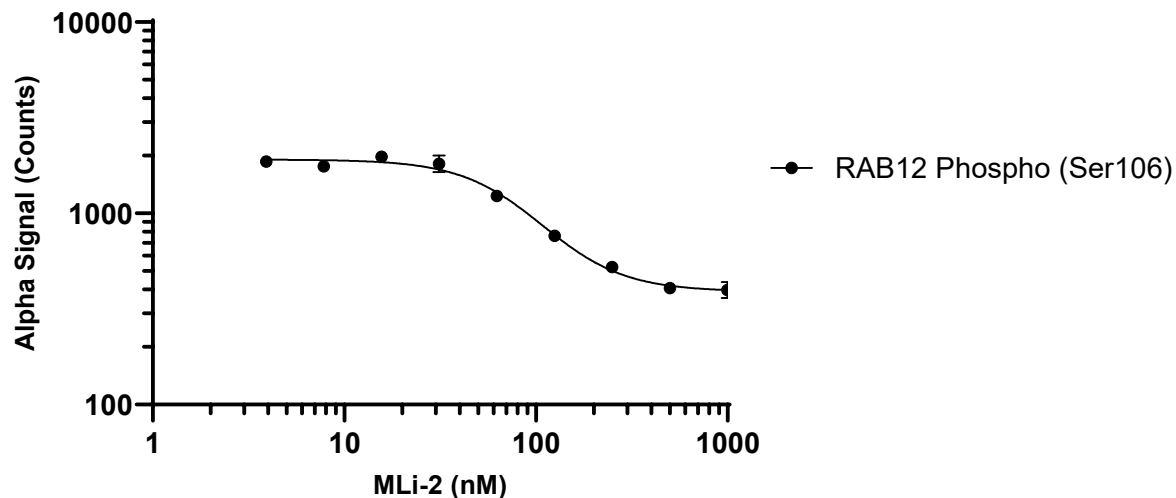
Positive Control Lysate: Prepared from RAW 264.7 cells, cultured to confluence in T175 flasks in 10% FBS containing media, then treated with 1 mg/mL Chloroquine for 3 hours and lysed with 3 mL of Lysis Buffer.

Representative data

Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were plated at 40K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with Chloroquine at the indicated concentrations for 1 hour. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser106) RAB12 using the *SureFire Ultra* kit. Equivalent to approximately 8,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. RAW 264.7 cells were plated at 80K cells/well in a 96 well plate and incubated overnight. Cells were treated with MLI-2 at the indicated concentrations with 50 ng/mL Chloroquine for 3 hours. Cells were lysed with Lysis Buffer and assayed for Phospho (Ser106) RAB12 using the SureFire Ultra kits. Equivalent to approximately 8,000 cells/datapoint.



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