

AlphaLISA® SureFire® Ultra™

## Human and Mouse RAB 8A Total Detection Kit

**Product number:** ALSU-TRAB8-A500, ALSU-TRAB8-A10K,  
ALSU-TRAB8-A50K, ALSU-TRAB8-A-HV



### Kit specificity:

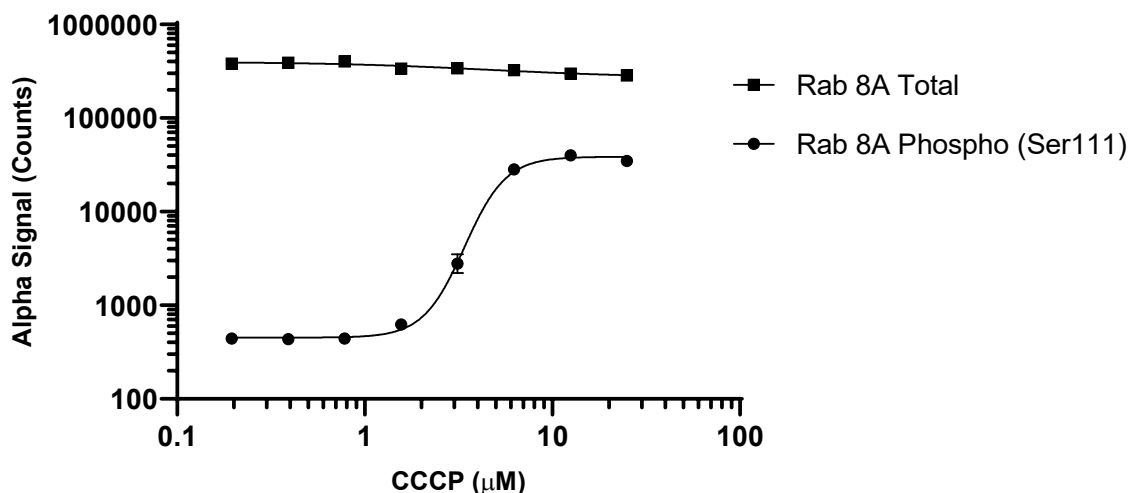
This assay kit contains antibodies which recognize distinct epitopes on Rab 8A. The protein detected by this kit corresponds to UniProt ID P61006. Rab 8A is also known as Ras-related protein Rab-8A. These antibodies recognize Rab 8A of human and mouse origin. Other species should be tested on a case-by-case basis.

### Control lysate information:

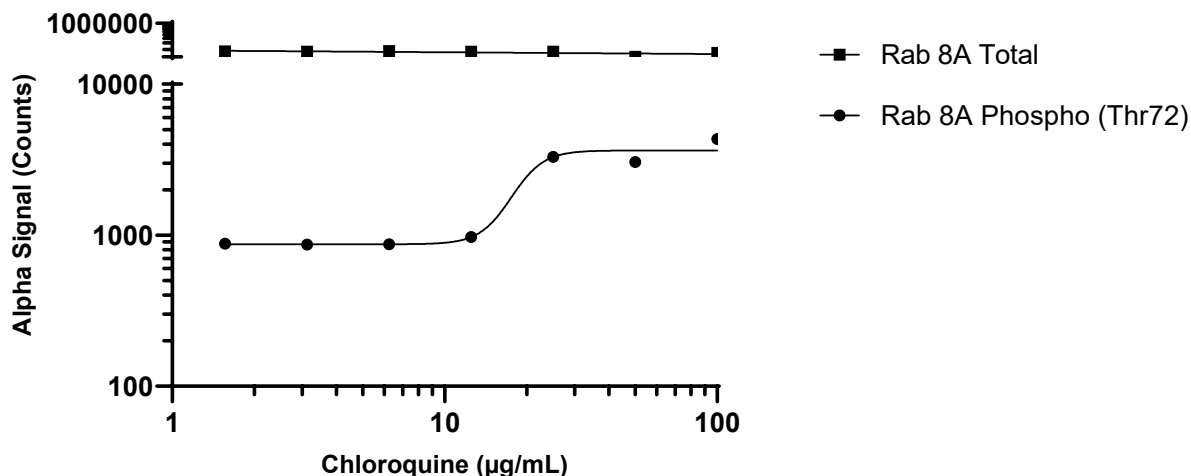
Positive Control Lysate: Prepared from RAW 264.7 cells, cultured to confluence in T175 flasks in 10% FBS containing media, then treated with 200 µg/mL Chloroquine for 5 hours and lysed with 5 mL of Lysis Buffer.

### Representative data

Data obtained with a 2-plate, 2-incubation protocol. SH-SY5Y cells were seeded at 20K cells/well in a 96 well plate and incubated for 48 hours. Cells were treated with CCCP at the indicated concentrations for 16 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Ser111) and Total Rab 8A using respective *SureFire Ultra* kits. Equivalent to approximately 4,000 cells/datapoint.



Data obtained with a 2-plate, 2-incubation protocol. RAW264.7 cells were plated at 80K cells/well in a 96 well plate and incubated overnight. Cells were treated with Chloroquine at the indicated concentrations for 5 hours. Cells were lysed with Lysis Buffer and assayed separately for Phospho (Thr72) and Total Rab 8A using respective *SureFire Ultra* kits. Equivalent to approximately 8,000 cells/datapoint.



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