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SUPPLEMENTAL DATA

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**TITLE: “Pharmacologic Characterization of ALD1910, a Potent Humanized Monoclonal Antibody against the Pituitary Adenylate Cyclase Activating Peptide”**

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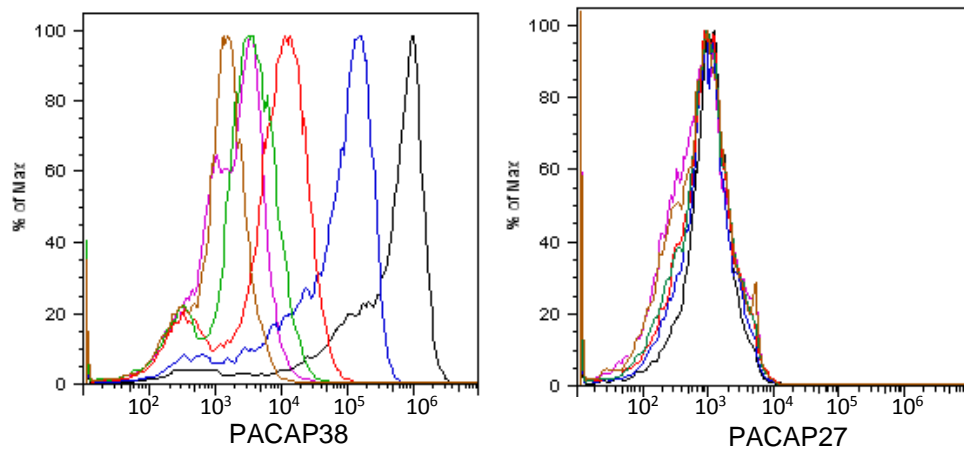
**SUPPLEMENTAL FIGURE LEGENDS****Supplemental Figure 1. PACAP38, but not PACAP27 binds CHO-K1 cell surface.**

CHO-K1 cells were stained with increasing amounts of N-term biotinylated PACAP38 (black line 125 nM; blue line 62.5 nM; red line 31.3 nM; green line 15.6 nM; brown line 7.8nM; magenta line negative control ) (A) or biotinylated N-term PACAP27 (black line 20  $\mu$ M; blue line 10  $\mu$ M; red line 5  $\mu$ M; green line 1  $\mu$ M; brown line 0.5  $\mu$ M; magenta line negative control ) (B) and a constant amount of streptavidin-PE prior to FACS analysis.

**Supplemental Figure 2. HC-030031 inhibits umbellulone-induced increase in facial**

**temperature.** HC-030031, administered 1 hr prior to umbellulone exposure, inhibits umbellulone-induced temperature increase. 12 animals per group (Mann-Whitney test).

### Supplemental Figure 1



Supplemental Figure 2

