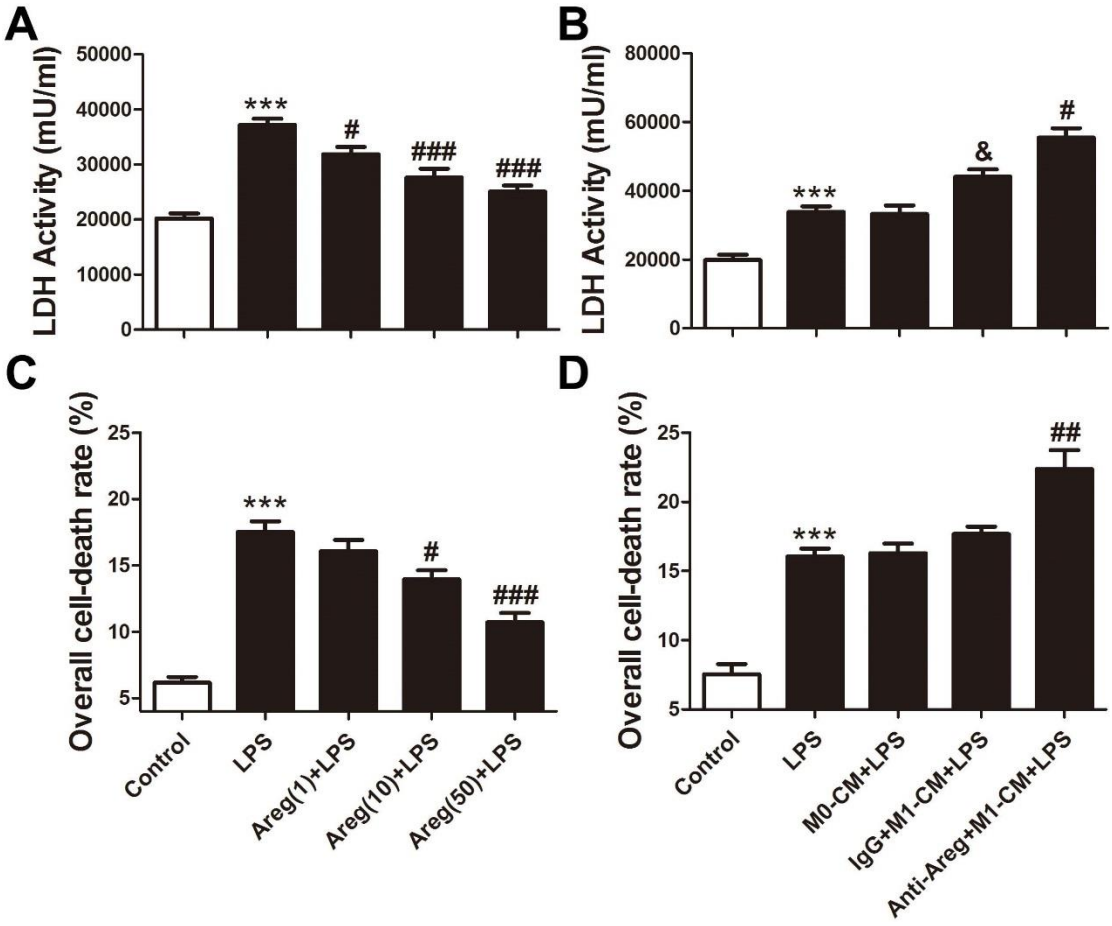


Supplemental Fig 1. LDH level and overall cell-death rate of MLE12 cells. (A and C) MLE12 cells were incubated with lipopolysaccharide (LPS, 100 μg/ml) for 24 h in the absence or presence of recombinant exogenous Amphiregulin (Areg) (1, 10 or 50 ng/ml). The cultured supernatant were collected for LDH activity detection (A), and the percentage of rate of overall dead cells including annexin-V- PI+, annexin-V+ PI+ and annexin-V+ PI- cells was determined by flow cytometry analysis (C). Data are shown as mean ± SD of five different experiments. *** $P < 0.001$ versus control; # $P < 0.05$,## $P < 0.01$ and ### $P < 0.001$ versus LPS; one-way ANOVA Bonferroni posttest. (B and D) Alveolar macrophages were stimulated with PBS or LPS (1 μg/ml) for 24 h, and the conditioned medium (M0-CM or M1-CM) was collected. M1-CM was treated with IgG (5 μg/ml) or Areg antibady (Anti-Areg, 5 μg/ml) for 3 h. MLE12

cells were incubated for 30 min with M0-CM or M1-CM containing IgG or Areg Abs, followed by stimulation with LPS (100 μg/ml) for 24 h. The cultured supernatants were collected for LDH activity detection (B), and the percentage of rate of overall dead cells including annexin-V- PI+, annexin-V+ PI+ and annexin-V+ PI- cells was determined by flow cytometry analysis (D). Data are shown as mean ± SD (n=5). *** $P < 0.001$ versus control; & $P < 0.05$ versus LPS; # $P < 0.05$ and ## $P < 0.01$ versus IgG+M1-CM+LPS; one-way ANOVA Bonferroni posttest. M0-CM, the conditioned medium of PBS-stimulated macrophages. M1-CM, the conditioned medium of LPS-stimulated macrophages.