

Glutamine Metabolism Is Required for Alveolar Macrophage Proliferation

Min Wang, Bibo Zhu, Cheng Zhang, Chaofan Li, Ruixuan Zhang, Jeffery C. Rathmell, Hu Li, Weiguo Cui, Taro Hitosugi, Jie Sun *

Supplementary Data

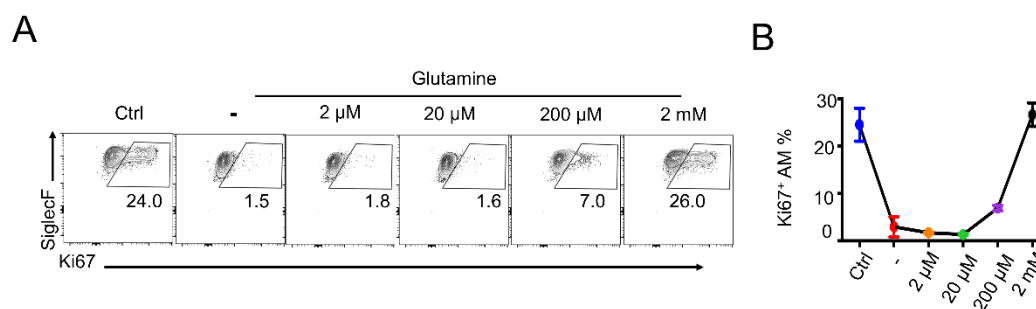


Figure S1. Effect of glutamine on AMs *in vitro*. **(A)** Effect of different concentrations of glutamine on the proliferation of AMs as determined by Ki67 staining and flow cytometry. **(B)** Percentage of Ki67-positive cells in different concentrations of glutamine treatment groups ($n = 3$) *in vitro*. Representative or pooled data (B) from three independent experiments. Data are the mean \pm SEM.

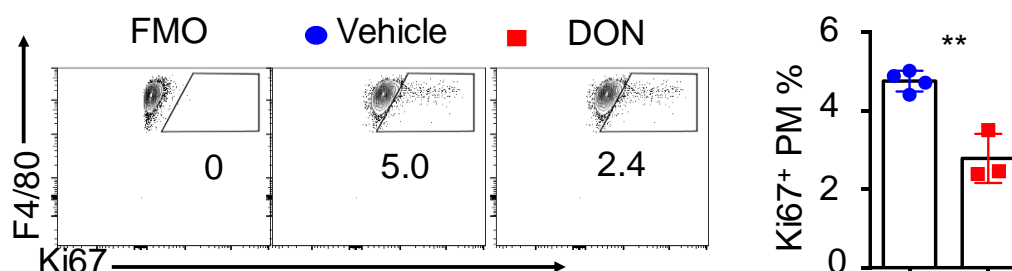


Figure S2. Glutamine metabolism regulates peritoneal macrophage (PMs) proliferation. Effect of DON on PM proliferation as determined by flow cytometry analysis of ki67stained cells following M-CSF and IL-4 treatment *in vitro* ($n = 3-4$). Data are the mean \pm SEM. ** $p < 0.01$ between the indicated groups. Representative data from two independent experiments.