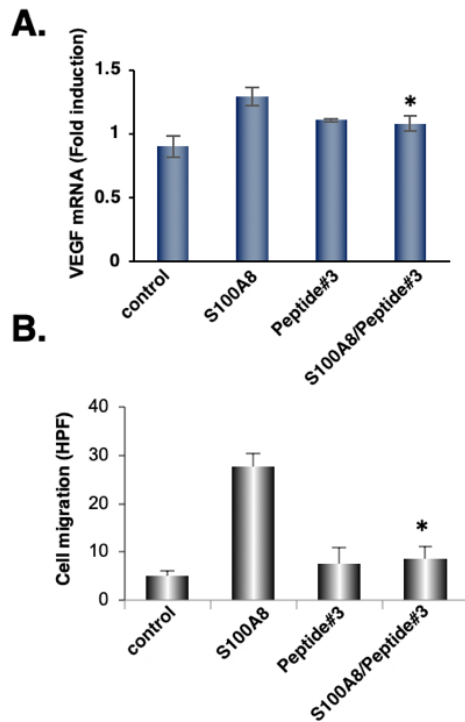
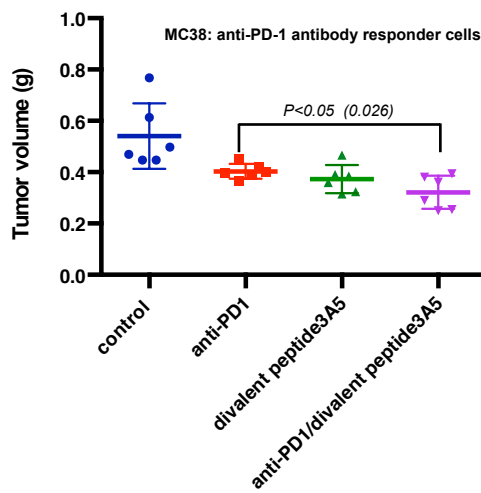




Supplementary Fig. 1. Peptide #3 inhibits S100A8-mediated VEGF induction and cell migration in SW480 cells. **A.** Peptide #3 reduced the expression of S100A8-mediated VEGF induction. Total RNAs from SW480 cells with/without treatment of the peptide candidates were extracted and qPCR analysis was performed using relevant primer sets and SYBR green. Relative expression levels were compared. Data shown are means $\pm$ SD. * P <0.05 compared with S100A8 alone. **B.** SW480 cells were pretreated with indicated concentrations of peptide #3, and then S100A8 was added at the indicated concentration into each lower well of culture insert in the presence/absence of peptide#3. Cells that migrated through the filter were counted using crystal violet staining. Data are the mean $\pm$ SD of nine samples in one representative experiment. * P <0.05 compared with S100A8 alone.



Supplementary Fig. 2. The combination therapy with anti-PD-1 antibody in MC38-tumor bearing mice. The tumor size was determined at the endpoint. Each group include 6 mice.