



Supplementary Figure 3. Immune changes after NKG2C cDNA expression in GL261 cells. A) qRT-PCR assessment of KLRC2 overexpression efficacy in vitro (GL261 cells) (n=6) and in vivo (tumor samples) (n=8). B) Western Blot assessment of NKG2C expression in GL261 cells that were transduced with GFP (control) or KLRC2 constructs. Densitometry quantification (n=4) is presented above the blot images. Rho serves as a loading control. C) Survival rates post-injection of GFP-GL261 (n=12) or KLRC2-GL261 (n=16) cells, depicted by Kaplan-Meier curves (*p*-value=0.8472). D) Immunohistochemical analysis of tumor sections stained for T-cell markers CD3 and CD8, with quantitative data summarized above each image. Quantification of staining is shown above (n=5). E) Peritoneal macrophages were co-cultured with increasing quantities of GFP-GL261 or KLRC2-GL261 cells. Relative expression of *CD206*, *ARG*, and *iNOS* was then measured by qPCR in the cell pellets (n=3). * *p*-value<0.05, ** *p*< 0.01, ****p*<0.001, *****p*<0.0001. Scale: 50 μm.