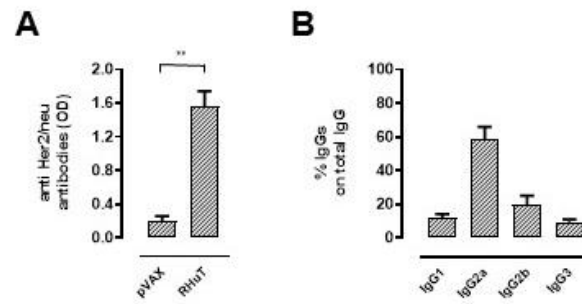
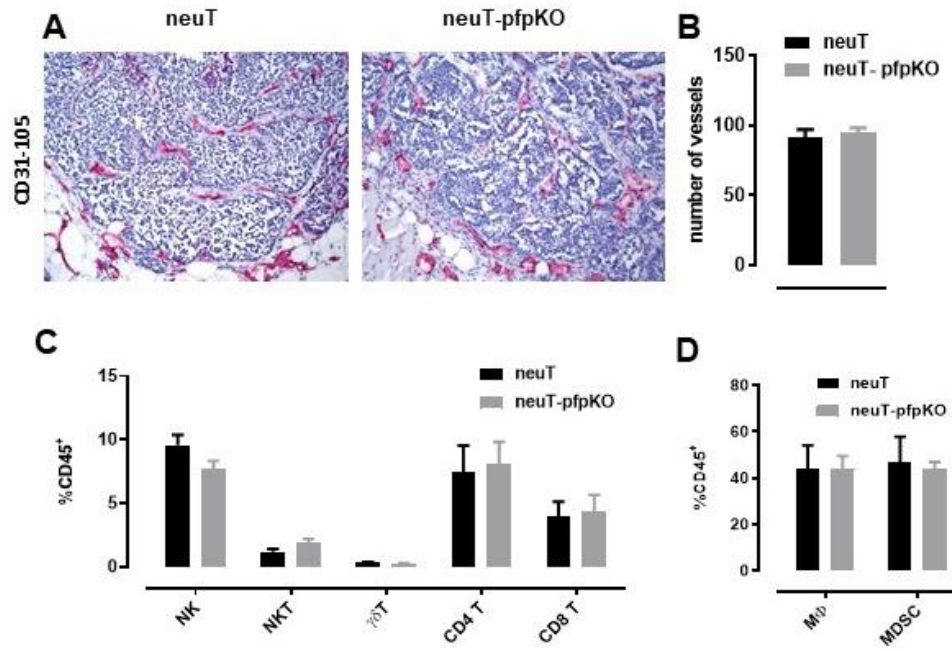


Supplementary:



**Figure S1.** Anti-Her2 antibody response in *pfp* and *C1qA* double KO (BALB-C1-pfpKO) mice. **(A)** Anti-Her2 antibody total IgG titers after three pVAX (n = 5 mice) and RHuT (n = 6 mice) vaccination courses. Data are expressed as means  $\pm$  SEM of the optical density (OD) of each serum measured in the ELISA test. \*\* p = 0.001, Student's t-test. **(B)** Percentage of anti-Her2 IgG isotypes in the sera of BALB-C1-pfpKO RHuT vaccinated mice. For each isotype data are expressed as relative percentage respect the total amount of IgG.



**Figure S2.** Pfp deficiency does not affect intratumor vessel density and tumor-infiltrating leukocyte recruitment. (A) Representative images of immunohistochemical staining for endothelial cell markers (CD31 and CD105, red) to visualize blood vessels (violet) in tumors developed in 20 week-old neuT (left panel) and age matched neuT-pfpKO (right panel) female mice. Tumor nuclei are in blue. Magnification x200. (B) Quantification of the number of vessels in neuT (black bar; n = 3) and neuT-pfpKO (grey bar; n = 4) carcinomas. Results are represented as means  $\pm$  SEM from 6-7 x200 microscopic fields per sample. (C and D) Flow cytometry analysis of infiltrating leukocytes in 6-8 mm mean diameter tumors from neuT (black bars; n = 5) and neuT-pfpKO (grey bars; n = 5) mice. (C) CD45<sup>+</sup> leukocytes were gated and CD3<sup>-</sup> CD49b<sup>+</sup> cells were identified as NK, CD3<sup>+</sup> CD49b<sup>+</sup> as NK T, CD3<sup>+</sup>  $\gamma\delta$ <sup>+</sup> as  $\gamma\delta$  T, CD3<sup>+</sup> CD4<sup>+</sup> as CD4<sup>+</sup> T and CD3<sup>+</sup> CD8<sup>+</sup> as CD8<sup>+</sup> T. (D) CD45<sup>+</sup> CD11b<sup>+</sup> leukocytes were gated and F4/80<sup>+</sup> cells were identified as macrophages (M $\phi$ ), whereas GR-1<sup>+</sup> cells were identified as myeloid-derived suppressor cells (MDSC). Bars represent the percentage of positive cells  $\pm$  SEM.