Figure S4: PEITC suppresses the growth of MDA-MB-231 (HH) tumors by inhibiting HER2 in SCID/NOD mice. About 5X10^6 MDA-MB-231 (HH) cells were subcutaneously implanted into the right flanks of SCID/NOD mice. Once each mouse had a tumor of about 150mm^3, mice started receiving 12µmol of PEITC by oral gavage every day. About 20µm sections were obtained from snap frozen tumor tissues for tumor analysis. Immunofluorescence for HER2, p-STAT3 (Y-705) and cleaved caspase 3 in tumor sections from control and PEITC treated mice. The red staining represents the expression of HER2, p-STAT3 (Y705) and cleaved caspase 3.