

Figure S1. Expression of HER2/neu receptors on the membranes of tumor cell lines SK-BR-3 and BT-474. The cells were stained with DARPIn9_29-FITC [6].

Table S1. Averaged fluorescence intensity of HER2/neu receptors on tumor SK-BR-3 and BT474 cell lines stained with DARPIn9_29-FITC

Sample		Averaged fluorescence intensity \pm standard deviation
BT-474	autofluorescence	4,2 \pm 7,7
	HER2/neu	131 \pm 72
SK-BR-3	autofluorescence	2,4 \pm 3,8
	HER2/neu	67 \pm 50

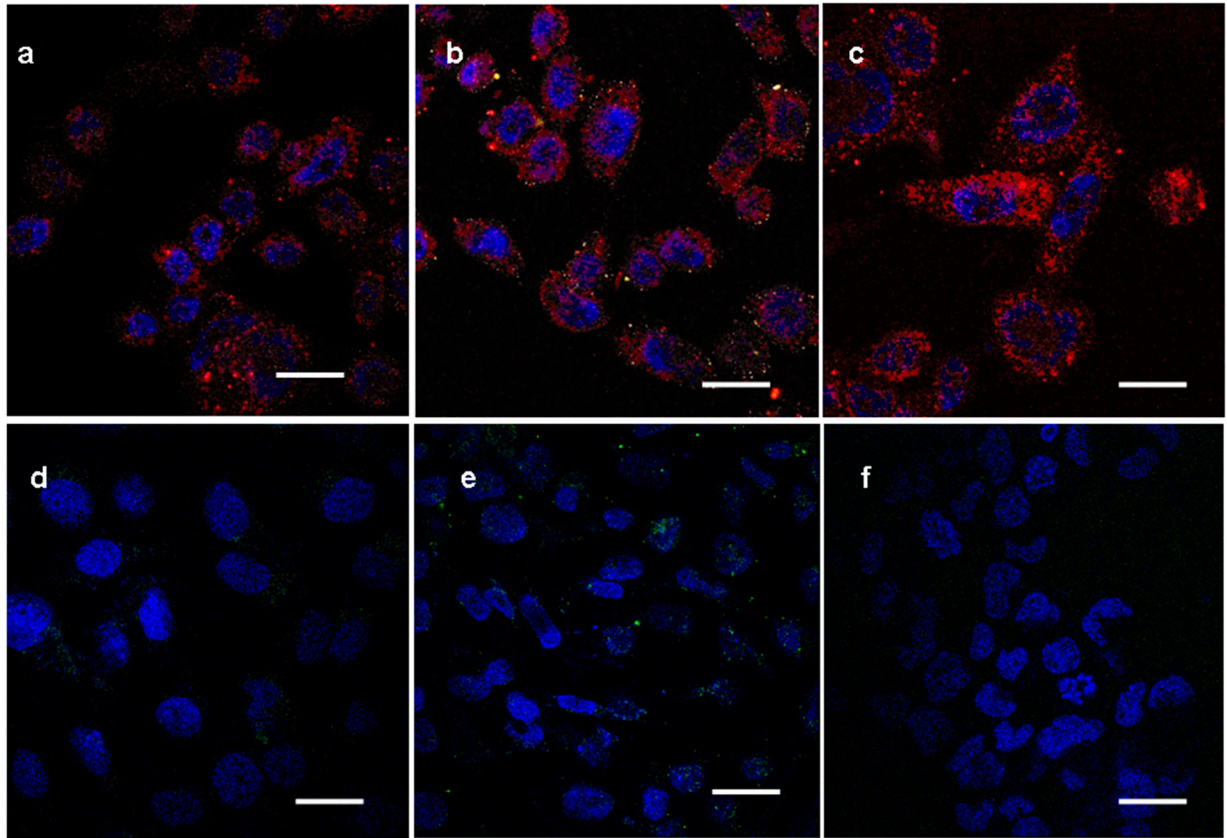


Figure S2. Expression of HSP70 on the surface of SK-BR-3 (a-c) and BT-474 (d-f) cells treated with barstar-HSP70 (a, d) or barstar-HSP70_16 (b, e). The cells treated with barstar-HSP70 (a, d) or barstar-HSP70_16 (unlabeled) were stained with the anti-HSP70 BRM22 antibody (green) and actin (a-c). Cell nuclei were stained with Hoechst 33342 (blue); control cells (c, f) were not treated with barstar-HSP70 or barstar-HSP70_16. Scale bars, 10 μ m.

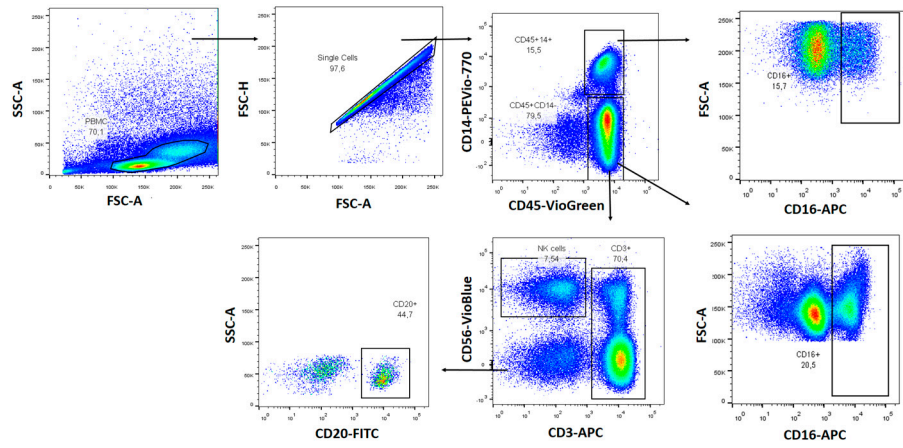


Figure S3. Representative staining of PBMC isolated from a healthy donor. Cells were labeled with CD45, CD14, CD3, CD56, CD16, and CD20 antibodies and analyzed by flow cytometry.