

Supplementary table S5. Ex vivo biodistribution 1 h after injecting [^{131}I]-2Rs15d in mice with BT474/M1 xenografts that were pre-treated 72 h earlier with a 100-fold molar excess of trastuzumab, pertuzumab or a combination of both. Values are expressed as % IA/g, except for thyroid for which % IA was used. Data are presented as mean \pm SD (n = 4). No significant differences in tumor targeting were observed (p = 0.62).

Organ/tissue	PBS			trastuzumab			pertuzumab			combination		
	Mean	\pm	SD	Mean	\pm	SD	Mean	\pm	SD	Mean	\pm	SD
Lungs	0.94	\pm	0.33	0.59	\pm	0.22	0.75	\pm	0.21	0.97	\pm	0.46
Heart	0.34	\pm	0.03	0.35	\pm	0.04	0.39	\pm	0.03	0.47	\pm	0.06
Liver	1.58	\pm	0.26	1.82	\pm	0.78	0.95	\pm	0.49	1.38	\pm	0.29
Stomach	0.54	\pm	0.15	0.58	\pm	0.19	0.51	\pm	0.19	0.87	\pm	0.28
Pancreas	0.13	\pm	0.03	0.14	\pm	0.01	0.21	\pm	0.14	0.18	\pm	0.01
Spleen	0.43	\pm	0.10	0.49	\pm	0.15	0.44	\pm	0.05	0.70	\pm	0.10
Muscle	0.53	\pm	0.16	0.87	\pm	0.70	0.34	\pm	0.06	0.87	\pm	0.53
Bone	0.95	\pm	0.19	0.78	\pm	0.06	1.14	\pm	0.46	1.10	\pm	0.10
S. intestines	0.27	\pm	0.10	0.25	\pm	0.06	0.24	\pm	0.08	0.45	\pm	0.10
L. intestines	0.32	\pm	0.14	0.16	\pm	0.03	0.25	\pm	0.12	0.41	\pm	0.09
Blood	0.77	\pm	0.11	0.57	\pm	0.06	0.66	\pm	0.14	0.82	\pm	0.09
Tumor	11.00	\pm	3.94	9.31	\pm	2.35	8.91	\pm	2.06	8.59	\pm	2.85