



Supplementary Material

Supplementary Figure S1

Inter-observer variability of survivin expression between two institutions for pre-treatment biopsies ($\rho=0.742$; $p < 0.0001$) and surgical specimens ($\rho=0.831$; $p < 0.0001$).

Supplementary Table S1

Correlations between intratumoral survivin expression and clinico-pathological parameters.

Supplemental Table Correlations between intratumoral <i>Survivin</i> expression and clinico-pathologic parameters				
Variable	Pretreatment Biopsy		Surgical Tumor Specimen	
	Correlation-Coefficient	P-Value	Correlation-Coefficient	P-Value
ypT	0.26	0.026	0.24	0.03
ypN	0.08	0.38	0.21	0.04
ypUICC	0.19	0.05	0.17	0.11*
TRG	-0.1	0.32	0.02	0.86
Local Cancer Recurrence	-0.03	0.71	0.04	0.91
Distant Cancer Recurrence	0.03	0.92	0.31	0.0056
Cancer Related Death	-0.02	0.69	0.28	0.026

* In patients with pCR (ypUICC 0) immunohistochemical staining was not feasible and only patients with ypUICC I-IV were included into statistical analyses.