Supplement

Table S1: Immunohistochemical evaluations of CD44 expression in prostatectomies.

Author	N	Clone	Plot	Cut-off	Malignant
Nagabhushan et al., 1996 (43)	50	GKW.A3	0, 1, 2 and 3	> 1	60%
Noordzij et al., 1997 (11)	97	SFF2	<10%, 10-25%, 25-50% and >50%		86%
Kallakury et al., 1998 (47)	106		Intensity: weak, moderate, intense. Extension: focal <10%, regional 11-50%, diffuse>50%	Weak and diffuse; moderate and regional or diffuse; Intense and any extension.	53%
Marzo et al., 1998 (10)	94	2C5 H4C4 U9M2	0 = 0-5% 1 = 6-25% 2 = 26-50% 3 = 51-75% 4 = >75% 0 = absent 1 = weak 2 = moderate 3 = strong 4 = intense	>6+	80%
Paradis et al., 1998 (22)	38		Focal <20% Diffuse >20%	>20%	37%
Brewster et al., 1999 (29)	76	DF1485	Negative 0% Focal ≤ 10% Regional 11-50% Diffuse >50%	>10%	36%
Aaltomaa et al., 2002 (46)	77	2C5	Continuous	>25%	66%
Lazari et al., 2013 (48)	135	DF1485	1+ = <10% 2+ = 10-50% 3+ = >50%		3+ = 37.8%
Tei et al., 2014 (35)	160		Extension: 0 = 0-5% 1 = 6-25% 2 = 26-75% 3 = 75-100% Intensity: 1 = weak 2 = intermediate 3 = strong	>3	28.2%

Empty cells indicate unavailable data.

Table S2: Studies on biochemical recurrence of prostate cancer evaluating CD44 expression in radical prostatectomy.

Author	N	T	C.O.	BR	2x2	LR	Cox (HR-IC-p)
Noordzij et al., 1997 (11)	29	81	1.0	41%	0.002		0.381 (0.179-0.974) p=0.012
Kallakury et al., 1998 (47)	99	39.9	0.4	26%	0.02		NS
Paradis et al.,1998 (22)	38	17.1		26%		NS	
Brewster et al., 1999 (29)	76	38	0.2	30%	0.002[a]	0.0465	NS
Aaltomaa et al., 2002 (46)	77	49.2	0.2	30%	NS		NS
Tei et al., 2014 (35)	160	51	0.2	25%			HR - 2.09 p=0.056[b]

N=number of patients submitted to prostatectomy and follow-up; T=mean or median duration of follow-up (months); C.O.=cut-off for biochemical recurrence (PSA in ng/mL); BR=percentage of patients with biochemical recurrence; 2x2=level of significance (p-value) in univariate analysis with a 2x2 table using the chi-squared test or Fisher's exact test; LR=Log Rank statistical significance (p-value); Cox (HR-IC-p) = Cox regression with Hazard Ratio at the 95%confidence interval and p-value; NS=statistically nonsignificant; [a]=data extracted from the text and recalculated; [b]=univariate Cox regression. Empty cells represent values not available or not calculated.