

Supplemental Table1A. Relationship between PD-1 expression and clinico-pathological factor of patients with cervical adenocarcinoma

Factors	Patients	PD-1		<i>p</i> -value
		Negative n, (%)	Positive n, (%)	
Age (y)				
<50	44	28 (63.6)	16 (36.4)	0.071
≥50	38	31 (81.6)	7 (18.4)	
Age (y)				
<60	58	38 (65.5)	20 (34.5)	0.044
≥60	24	21 (87.5)	3 (12.5)	
FIGO stage				
< II B	58	38 (65.5)	20 (34.5)	0.044
≥ II B	24	21 (87.5)	3 (12.5)	
histology				
non-gastric	69	48 (69.6)	21 (30.4)	0.268
gastric	13	11 (84.6)	2 (15.4)	
histology				
usual	59	40 (67.8)	19 (32.2)	0.079
non-usual	23	20 (87.0)	3 (13.0)	
Metastasis				
pelvic lymphnode				
Negative	65	45 (69.2)	20 (30.8)	0.284
Positive	17	14 (82.4)	3 (11.6)	
Metastasis				
Paraaortic lymphnode				
Negative	79	57 (72.2)	22 (27.8)	0.836
Positive	3	2 (66.7)	1 (33.3)	
Metastasis				
distance				
Negative	81	58 (71.6)	23 (28.4)	0.53
Positive	1	1 (100.0)	0	
LSI ly				
No	30	20 (66.7)	10 (33.3)	0.598
Yes	40	29 (72.5)	11 (27.5)	

LSI v				
No	31	21 (67.7)	10 (32.3)	0.713
Yes	39	28 (71.8)	11 (28.2)	
tumor size (mm)				
<40	50	37 (74.0)	13 (26.0)	0.606
≥40	32	22 (68.8)	10 (31.2)	
Recurrence				
No	60	40 (67.7)	20 (33.3)	0.079
Yes	22	19 (86.4)	3 (13.6)	
Dead of disease				
No	63	41 (65.1)	22 (34.9)	0.012
Yes	19	18 (94.7)	1 (5.3)	
PD-L1				
Negative	66	51 (77.3)	15 (22.7)	0.029
Positive	16	8 (50.0)	8 (50.0)	
CD8				
Negative	27	13 (51.9)	14 (48.6)	0.001
Positive	55	46 (83.6)	9 (16.4)	
p16				
Negative	22	18 (81.8)	4 (18.2)	0.228
Positive	60	41 (68.3)	19 (31.7)	

Supplemental Table1B. Relationship between PD-L1 expression and clinico-pathological factor of patients with cervical adenocarcinoma

Factors	Patients n	PD-L1		<i>p</i> -value
		Negative n, (%)	Positive n, (%)	
Age (y)				
<50	44	35 (79.5)	9 (20.5)	0.817
≥50	38	31 (81.6)	7 (18.4)	
Age (y)				
<60	58	46 (79.3)	12 (20.7)	0.676
≥60	24	20 (83.3)	4 (16.7)	
FIGO stage				
< II B	58	46 (79.3)	12 (20.7)	0.676
≥ II B	24	20 (83.3)	4 (16.7)	

histology				
non-gastric	69	55 (79.7)	14 (20.3)	0.682
gastric	13	11 (84.6)	2 (15.4)	
histology				
usual	54	49 (90.7)	5 (9.3)	0.656
non-usual	28	17 (60.7)	11 (39.3)	
Metastasis				
pelvic lymphnode				
Negative	65	56 (86.2)	9 (13.8)	0.011
Positive	17	10 (58.8)	7 (41.2)	
Metastasis				
Paraaortic lymphnode				
Negative	79	65 (82.3)	14 (17.7)	0.036
Positive	3	1 (33.3)	2 (67.7)	
Metastasis				
distance				
Negative	81	65 (80.2)	16 (19.8)	0.62
Positive	1	1 (100.0)	0	
LSI ly				
No	29	26 (89.7)	3 (10.3)	0.113
Yes	39	29 (74.4)	10 (25.6)	
tumor size				
<40	50	41 (82.0)	9 (18.0)	0.666
≥40	32	25 (78.1)	7 (21.9)	
Recurrence				
No	60	48 (80.0)	12 (20.0)	0.854
Yes	22	18 (81.8)	4 (18.2)	
Dead of disease				
No	63	50 (79.4)	13 (20.6)	0.64
Yes	19	16 (84.2)	3 (15.8)	
PD-1				
Negative	59	51 (86.4)	8 (13.6)	0.029
Positive	23	15 (65.2)	8 (34.8)	
CD8				
Negative	27	18 (66.7)	9 (33.3)	0.027

Positive	55	48 (87.3)	7 (12.7)
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Supplemental Table1C. Relationship between CD8 expression and clinico-pathological factor of patients with cervical adenocarcinoma

Factors	Patients	CD8		<i>p</i> -value
		Negative n, (%)	Positive n, (%)	
Age (y)				
<50	44	17 (38.6)	27 (61.4)	0.236
≥50	38	10 (26.3)	28 (73.7)	
Age (y)				
<60	58	22 (38.9)	36 (62.1)	0.134
≥60	24	5 (20.8)	19 (79.2)	
FIGO stage				
< II B	58	22 (38.9)	36 (62.1)	0.134
≥ II B	24	5 (20.8)	19 (79.2)	
histology				
non-gastric	69	24 (34.8)	45 (65.2)	0.41
gastric	13	3 (33.1)	10 (76.9)	
histology				
usual	60	21 (35.0)	39 (65.0)	0.509
non-usual	22	6 (27.3)	16 (72.7)	
Metastasis				
pelvic lymphnode				
Negative	61	18 (29.5)	43 (70.5)	0.049
Positive	17	9 (52.9)	8 (47.1)	
Metastasis				
Paraaortic lymphnode				
Negative	79	26 (32.9)	53 (67.1)	0.988
Positive	3	1 (33.3)	2 (66.7)	
Metastasis				
distance				
Negative	81	27 (33.3)	54 (66.7)	0.481
Positive	1	0	1 (100.0)	
LSI				
No	29	9 (31.0)	20 (69.0)	0.841

Yes	39	13 (33.3)	26 (66.7)	
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tumor size (mm)				
<40	50	17 (34.0)	33 (66.0)	0.796
≥40	32	10 (31.2)	22 (68.8)	
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Recurrence				
No	60	21 (35.0)	39 (65.0)	0.509
Yes	22	6 (27.3)	16 (72.7)	
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Dead of disease				
No	63	22 (34.9)	41 (65.1)	0.484
Yes	19	5 (26.7)	14 (73.7)	
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PD-1				
Negative	59	13 (22.0)	46 (78.0)	0.001
Positive	23	14 (60.9)	9 (39.1)	
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PD-L1				
Negative	66	18 (27.3)	48 (72.7)	0.027
Positive	16	9 (56.3)	7 (43.7)	
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