

Clinical Cancer Research

Image Analysis–based Assessment of PD-L1 and Tumor-Associated Immune Cells Density Supports Distinct Intratumoral Microenvironment Groups in Non–small Cell Lung Carcinoma Patients

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Clin Cancer Res 2016;22:6278-6289. Published OnlineFirst June 1, 2016.

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Supplementary Table 1. Correlation of airflow limitation (positive and negative) with PD-L1 H-score and median TAIC density by mm² in the intratumoral and peritumoral compartments in lung ADC and SqCC specimens

Immune Marker	Airflow Limitation					
	ADC			SQC		
	Negative	Positive	<i>P</i> *	Negative	Positive	<i>P</i> *
PD-L1 (MCs)	1.1	1.44	0.048	0.76	1.20	0.211
PD-L1 (five 1-mm ² areas of tumor specimens)	19.15	30.78	0.014	25.37	37.26	0.188
PD-L1 (TMA)	42.24	40.28	0.852	31.00	40.06	0.261
PD-L1 (TAMs)	15.33	27.19	0.096	50.31	47.50	0.688
PD-L1 (mRNA)	4.4	4.79	0.145	4.31	4.30	1.000
Intratumoral						
CD3	1234.00	1517.20	0.184	1112.60	1123.80	0.548
CD4	1265.80	1131.80	0.724	824.20	828.40	0.666
CD8	690.80	834.20	0.099	755.00	720.20	0.640
CD57	363.00	375.60	0.554	176.80	269.20	0.101
Granzyme B	199.50	364.40	0.023	250.00	298.00	0.103
CD45RO	801.40	741.80	0.554	818.90	851.40	0.401
PD-1	428.80	598.40	0.128	494.20	501.80	0.841
FOXP3	309.50	399.33	0.047	275.00	326.60	0.231
CD68	286.70	291.71	0.717	172.69	194.47	0.738
Peritumoral						
CD3	1428.20	1844.10	0.012	2183.80	2059.00	0.548
CD4	1318.60	1583.80	0.014	1672.40	1636.60	0.750
CD8	858.10	1138.30	0.023	1292.40	1645.60	0.313
CD57	399.40	500.33	0.115	408.20	579.00	0.162
Granzyme B	362.10	567.80	0.001	483.30	517.80	0.321
CD45RO	926.20	1220.08	0.005	1631.20	1725.60	0.718
PD-1	948.70	921.30	0.492	873.60	892.20	0.616
FOXP3	380.73	468.20	0.103	516.30	636.20	0.056
CD68	428.50	410.65	0.805	371.14	441.29	0.835

* Wilcoxon rank-sum test and Kruskal-Wallis test.