

Macrophage marker	Number of patients (N = 285)	%
CD68 (18 missing values)		
Low (Score 0 to 2)	173	64.79
High (Score > 2)	94	35.21
CD163 (9 missing values)		
Low (Score 0 to 2)	200	72.46
High (Score > 2)	76	27.54
CD206 median [min-max] (13 missing values)	7.90	[0 – 441.19]
Low (< 7.90 cells/mm ²)	136	50.00
High (\geq 7.90 cells/mm ²)	136	50.00
IRF8 median [min-max] (8 missing values)	3.11	[0 – 387.06]
Low (< 3.11 cells/mm ²)	139	50.18
High (\geq 3.11 cells/mm ²)	138	49.82

Supplementary Table S1: TAM markers expression in TNBCs.

For each marker, low and high expression groups were defined. A semi-quantitative analysis of CD68 and CD163 expression was performed (scores 0 to 3) and the mean of duplicates was calculated for each patient. Low expression corresponds to scores 0 to 2, and high expression to scores >2. The total number of CD206- and IRF8-expressing TAMs was counted, and their densities reported as the number of positive cells per mm². The mean of duplicates was calculated for each patient, and the median density in the population was used to classify samples in low and high expression.

		CD68					IRF8					CD163					CD206				
		Low		High		<i>p</i> -value	Low		High		<i>p</i> -value	Low		High		<i>p</i> -value	Low		High		<i>p</i> -value
		N	%	N	%		N	%	N	%		N	%	N	%		N	%	N	%	
CD68																					
	Low						107	81.68	61	46.92	<0.001	156	81.25	15	20.55	<0.001	96	71.64	73	57.03	0.013
	High						24	18.32	69	53.08		36	18.75	58	79.45		38	28.36	55	42.97	
IRF8																					
	Low	107	63.69	24	25.81	<0.001						119	60.71	17	22.67	<0.001	119	60.71	17	22.67	<0.001
	High	61	36.31	69	74.19							77	39.29	58	77.33		77	39.29	58	77.33	
CD163																					
	Low	156	91.23	36	38.30	<0.001	119	87.50	77	57.04	<0.001						106	77.94	87	65.91	0.028
	High	15	8.77	58	61.70		17	12.50	58	42.96							30	22.06	45	34.09	
CD206																					
	Low	96	56.80	38	40.86	0.013	91	69.47	43	32.09	<0.001	106	54.92	30	40.00	0.028					
	High	73	43.20	55	59.14		40	30.53	91	67.91		87	45.08	45	60.00						

Supplementary Table S2: Correlation of CD68, IRF8, CD163 and CD206 expression levels.