



**Figure S1** Representative images of PD-L1 expression (200 $\times$ ). PD-L1 protein expression was evaluated by IHC. The PD-L1 clone 22C3 pharmDx kit was used to measure the expression level of PD-L1. PD-L1 expression was assessed by the percentage of tumor cells with any intensity of PD-L1 membrane staining out of all tumor cells