

Supplementary Table 1. Immune checkpoint inhibitor (ICI) antibodies used in this study

Target	Fluorochrome	Isotype	Clone	Company	Catalog number
PD-1	CD279	IgG2a, k	RMP1-14	BioXCell	BE0146
TIM-3	CD366	IgG1, k	B8.2C12	BioXCell	BE0275
LAG-3	CD223	IgG1, k	C987W	BioXCell	BE174
Isotype	IgG1	Mouse IgG, k	MOPC-21	BioXCell	BE0083