

Supplementary Table S1. Antibodies used in this study

Markers	Fluorochrome	Clone	Company	Catalogue number	Application
CD3	PerCP	UCHT1	Biolegend	300428	Flow cytometry
CD4	PE	RPA-T4	Biolegend	300508	Flow cytometry
CD8	APC-Cy TM 7	SK1	BD	557834	Flow cytometry
CD279 (PD-1)	BV421	EH12.1	BD	562516	Flow cytometry
CD366 (TIM3)	BV421	7D3	BD	565562	Flow cytometry
CD152 (CTLA-4)	BV421	BNI13	BD	562743	Flow cytometry
CD223 (LAG3)	BV421	11C3C65	Biolegend	369314	Flow cytometry
α -SMA	No	1A4	Abcam	ab7817	ICC, WB
PD-L1	No	E1L3N	Cell Signaling	13684	ICC, WB
Cox2	No	D5H5	Cell Signaling	12282	ICC, WB
β -Actin	No	C4	Santa Cruz	sc-47778	WB
GAPDH	No	FL-335	Santa Cruz	sc-25778	WB
Mouse anti-rabbit IgG-HRP	No		Santa Cruz	sc-2357	WB
m-IgG κ BP-HRP	No		Santa Cruz	sc-516102	WB
Goat anti-rabbit IgG	Alexa Fluor 488		Invitrogen	A-11034	ICC
Goat anti-mouse IgG	Alexa Fluor 488		Invitrogen	A-11029	ICC
Goat anti-rabbit IgG	Alexa Fluor 568		Invitrogen	A-11036	ICC

PD-1: programmed death-1; TIM3: T cell immunoglobulin and mucin domain 3; CTLA-4: cytotoxic T-lymphocyte-associated antigen 4; LAG3: lymphocyte-activation gene 3; α -SMA: α -smooth muscle actin; ICC: immunocytochemistry; WB: Western blot; PD-L1: programmed death-ligand 1; Cox2: cyclooxygenase 2; GAPDH: glyceraldehyde-3-phosphate dehydrogenase; IgG: immunoglobulin G; HRP: horseradish peroxidase.