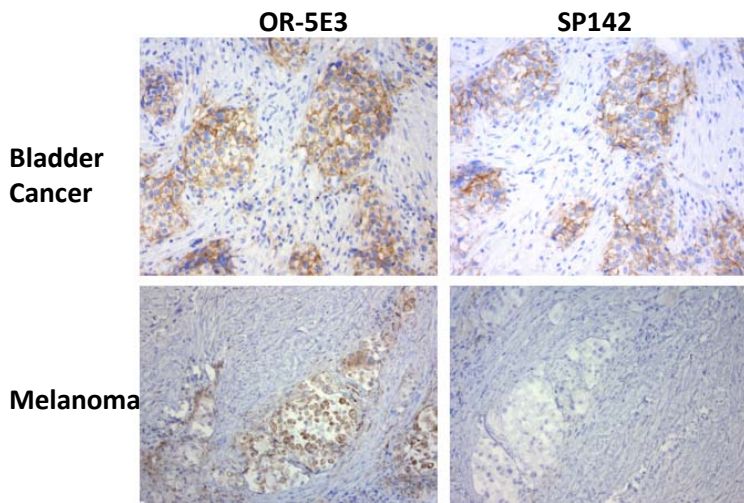


PD-L1 and PD-L2 ligands function as key check-point regulators of the immune system.

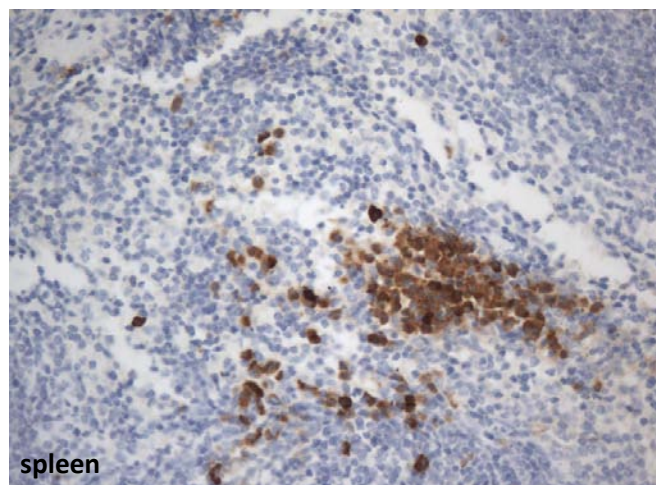
Immunotherapy with PD-1 and PD-L1 blocking monoclonal antibodies have improved the anti-tumor activities of patients' T-cells.

PD-L1 TrueRAB® Antibody

SKU#	TA591004
Clone Name	OR-5E3
Target	Homo sapiens CD274 molecule (CD274), transcript variant 1
Host	Rabbit
Reactivity	Human
Tested Application	IHC, ELISA
Dilution	IHC: 1:50-1:200



IHC staining of FFPE human Bladder cancer and Melanoma tissue with OR-5E3 and SP142 clone. OR-5E3 gives similar or stronger staining when compared to the FDA approved SP142 clone.



IHC staining of FFPE mouse spleen tissue with OR-5E3 shows positive staining of APC immune cells.

Antibodies against commonly studied proteins in cancer immunotherapy

Protein Name	Antibody Description	SKU
ARG1	ARG1 mouse monoclonal antibody, clone OTI4E6	TA502413
B7-1/CD80	CD80 mouse monoclonal antibody, clone UMAB65	UM500055
B7-H3/CD276	Rabbit Polyclonal CD276 Antibody	TA590443
B7-H4/VTCN1	Anti-VTCN1 mouse monoclonal antibody	TA318347
BTLA	BTLA mouse monoclonal antibody, clone UMAB61	UM500052
CD160	Rabbit Polyclonal Anti-CD160 Antibody	TA349762
CD19	CD19 mouse monoclonal antibody, clone UMAB103	UM500071
CD244	Rabbit Polyclonal Anti-CD244 Antibody	TA349773
IDO1	IDO1 mouse monoclonal antibody, clone UMAB126	UM500091
IL-10	IL10RA mouse monoclonal antibody, clone OTI1D10	TA506929
IL-13	IL13 mouse monoclonal antibody, clone OTI6D3	TA804004
IL-4	Rabbit polyclonal IL4 Antibody (C-term)	TA324803
LAG3	LAG3 mouse monoclonal antibody, clone OTI8F6	TA807082
MICA	Rabbit Polyclonal MICA Antibody	TA306443
MICB	anti MIC-B monoclonal antibody, cloneB-D55	AM31286AF-N
N-Cadherin	NCAM1/CD56 mouse monoclonal antibody, clone UMAB194	UM800086
Notch1	Anti-Notch1 mouse monoclonal antibody, clone OTI3E12	TA500078
PD-1	PD-1 (PDCD1) mouse monoclonal antibody, clone UMAB198	UM800090
PD-L1	CD274 mouse monoclonal antibody, clone OTI13G7	TA809809
PD-L2	PDCD1LG2 mouse monoclonal antibody, clone OTI5A7	TA808997
SOX2	Rabbit Polyclonal Antibody against SOX2 - Embryonic Stem Cell Marker	TA301462
TIM3	HAVCR2 mouse monoclonal antibody, clone OTI2E2	TA807034
Beta Tubulin	Rabbit polyclonal anti-TUBB(beta Tubulin) antibody, Loading control	TA301569
Vimentin	Vimentin (VIM) mouse monoclonal antibody, clone UMAB160	UM800055

For more antibodies, please visit
www.origene.com/products/antibodies