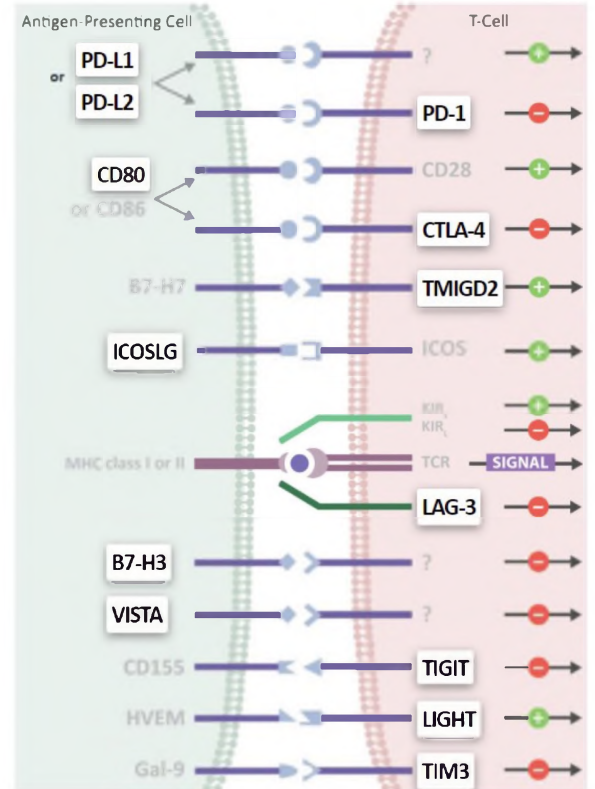


## What Are Immune Checkpoints?

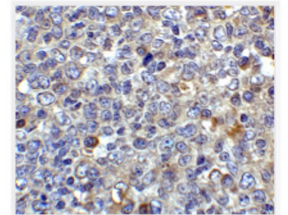
Immune checkpoints are proteins that act as T cell receptor (TCR) cosignaling partners that deliver either positive or negative signals to T lymphocytes. Under normal conditions, these proteins are critical for self-tolerance, but in tumors these immune checkpoint proteins can allow the tumor to evade the antitumor immune response. Blocking the actions of these proteins can produce a potent anti-tumor response. One immune checkpoint protein that has recently been shown to be especially effective is PD-1.

ProSci Inc. has developed several new classes of reagents that can be used to study the actions of multiple immune checkpoint proteins such as CTLA-4, PD-1, and its ligands PD-L1 and PD-L2. These classes of products included highly validated Risk Free™ mouse monoclonal antibodies (mAbs), llama single domain antibodies, rabbit polyclonal antibodies, as well as recombinant proteins, tissue and cell slides and lysates. These products should prove useful in basic research, diagnostics, and drug development in the field of cancer immunotherapy.

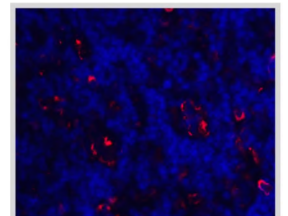


## Select Polyclonal Immune Checkpoint Antibodies

Product Name	Cat. No.	Host Species	Reactivity	Tested Applications
CD80 Antibody	8679	Rabbit	Human, Mouse	E, WB, IHC-P, IF
ICOS Antibody	8685	Rabbit	Human	E, WB, IHC, IF
ICOSLG Antibody	8687	Rabbit	Human	E, WB, IHC, IF
LAG3 Antibody	8655	Rabbit	Human, Mouse	E, WB, IHC-P, IF
LAG3 Antibody	8657	Rabbit	Human	E, WB, IHC, IF
PD-1 Antibody	4065	Rabbit	Human, Mouse, Rat	E, WB, IHC-P, IF
PD-1 Antibody	4067	Rabbit	Human, Mouse, Rat	E, WB, IHC-P, ICC, IF
PD-L1 Antibody	4059	Rabbit	Human, Mouse, Rat	E, WB, IHC-P, IF, Flow
PD-L2 Antibody	4063	Rabbit	Human, Mouse	E, WB, IHC-P, IF
TIM-3 Antibody	8659	Rabbit	Human	E, WB, IHC-P, IF
TMIGD2 Antibody	7617	Rabbit	Human, Mouse	E, WB, IHC-P
VISTA Antibody	8695	Rabbit	Human	E, WB, IHC, ICC, IF



SARS-CoV-2 Spike Antibody  
Cat. No. 3525  
IHC analysis of CD80 in human tonsil tissue



ICOS Antibody  
Cat. No. 8685  
IF analysis of ICOS in human lymph node tissue

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## Select Monoclonal Immune Checkpoint Antibodies

Product Name	Cat. No.	Host Species	Reactivity	Tested Applications
B7H3 Antibody [2A7]	RF16092	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
B7H3 Antibody [4H3]	RF16093	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
CD80 Antibody [8G12]	RF16041	Mouse	Human	E, IHC-P, ICC, IF, Flow
CD80 Antibody [12D9]	RF16046	Mouse	Human	E, WB, IHC-P, ICC, IF
CTLA4 Antibody [1E6]	RF16011	Mouse	Human	E, WB, IHC-P, ICC, IF
CTLA4 Antibody [2G10]	RF16012	Mouse	Human	E, WB, IHC-P, ICC, IF
LAG3 Antibody [2G8]	RF16082	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
LAG3 Antibody [5F11]	RF16088	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
LIGHT Antibody [7B9E12]	RF16063	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
LIGHT Antibody [8D4]	RF16064	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
PD-1 Antibody [7A11B1]	PM-5177	Mouse	Human, Mouse, Rat	E, WB, IHC-P, IF
PD1 Antibody [7H6]	RF16003	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
PDL1 Antibody [4F2]	RF16031	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
PDL1 Antibody [6H10]	RF16035	Mouse	Human, Mouse	E, WB, IHC-P, ICC, IF
PDL2 Antibody [8C12]	RF16022	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
PDL2 Antibody [7C7]	RF16023	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
TIGIT Antibody [4A10]	RF16054	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
TIGIT Antibody [4A12]	RF16056	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
TIM3 Antibody [2A6]	RF16106	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
TIM3 Antibody [1B10]	RF16107	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
TMIGD2 Antibody [8A1]	RF16121	Mouse	Human	E, WB, ICC, IF, IHC-P, Flow
TMIGD2 Antibody [8G1]	RF16122	Mouse	Human	E, WB, ICC, IF, IHC-P
VISTA Antibody [4C4]	RF16071	Mouse	Human	E, WB, IHC-P, ICC, IF, Flow
VISTA Antibody [6D2]	RF16072	Mouse	Human	E, IHC-P, ICC, IF, Flow

## Select Single Domain Immune Checkpoint Antibodies

Product Name	Cat. No.	Host Species	Reactivity	Tested Applications
LAG-3 Antibody [1A6]	SD8839	Llama	Human	E, IHC-P, IF, Flow
LAG-3 Antibody [2B11]	SD8841	Llama	Human	E, IHC-P, IF, Flow
PD-1 Antibody [F12A8]	SD8643	Llama	Human	E, Flow
PD-1 Antibody [F42D7]	SD8645	Llama	Human	E, Flow
PD-L1 Antibody [F6A9]	SD8639	Llama	Human	Flow, ICC
PD-L1 Antibody [F2G2]	SD8641	Llama	Human	E, ICC, IF
TIGIT Antibody [2C6]	SD8828	Llama	Human	E, IHC-P, ICC, IF, Flow
TIGIT Antibody [2D7]	SD8830	Llama	Human	E, IHC-P, ICC, IF, Flow

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