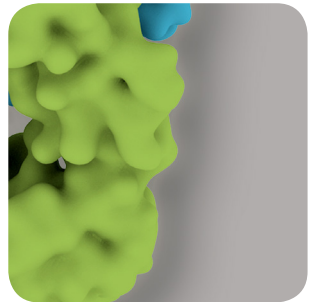
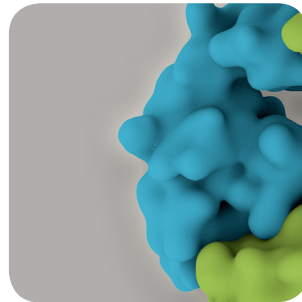


# Immuno-Oncology

RISK FREE ANTIBODIES



[prosci-inc.com](http://prosci-inc.com)

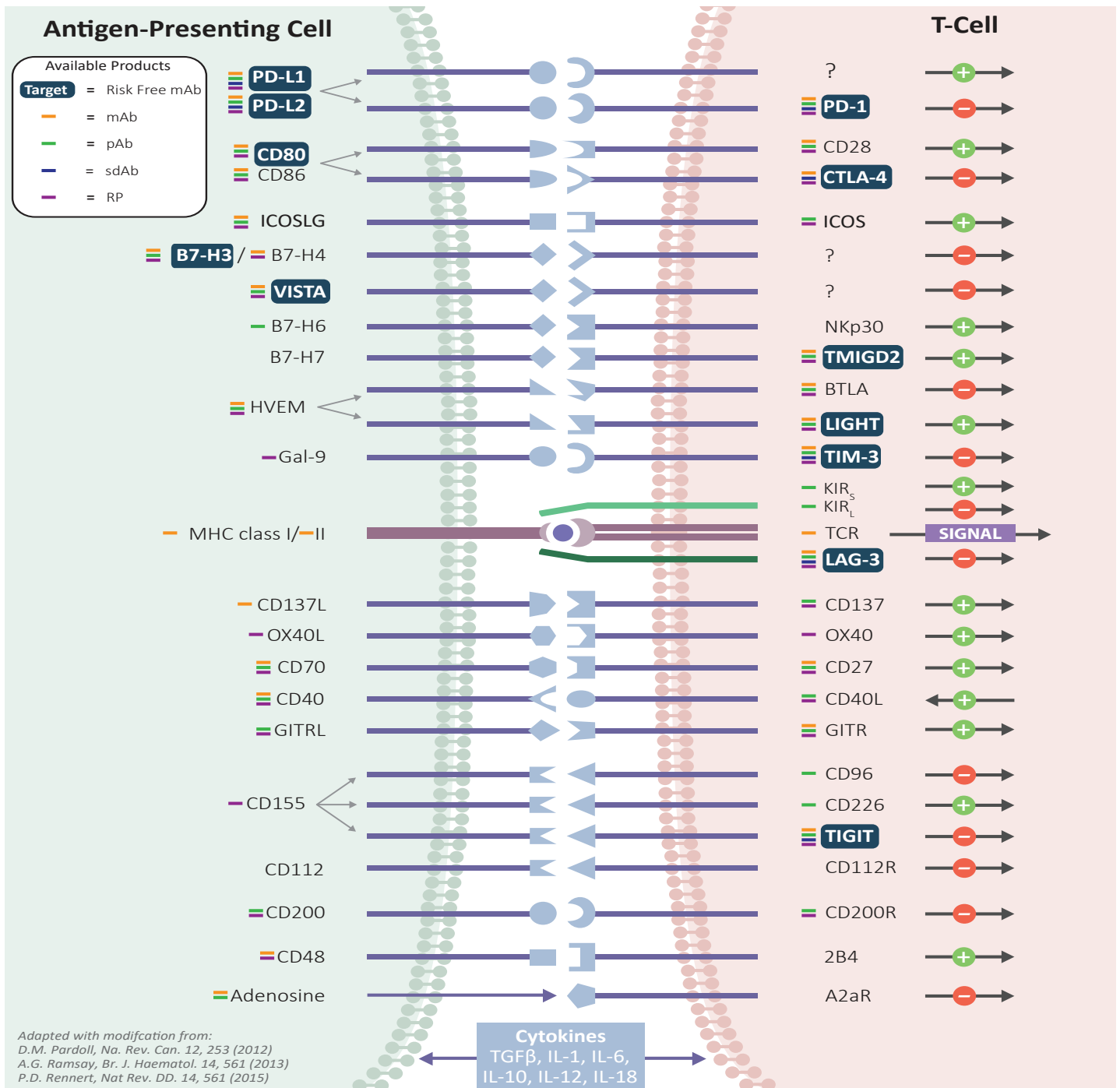


# Product Catalog

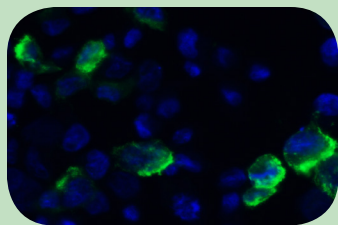


# Immuno-Oncology

Immuno-Oncology (IO) is now providing novel and exciting targeted cancer treatments. The number of potential immune targets that can be used for immunotherapy continues to grow. ProSci is actively developing antibodies to aid IO research, diagnostics and therapeutic development.



# Top Primary Antibodies



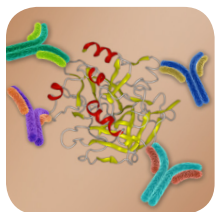
## Product Highlight

*“...the ProSci antibody had the most intense specific staining while maintaining the least non-specific staining...”*

*M. Dhar, Et al., Sci Rep (2018) 8:2592*

Product Name	Host	Clonality	Application	Reactivity	Cat. No.
4-1BB Receptor Antibody	Rabbit	P	E, WB	HU	XP-5100
Adenosine A2a Receptor Antibody	Mouse	M	WB, IHC, Flow	HU, MS, RAT, OTH	49-998
B7-H6	Rabbit	P	WB	HU	60-117
BTLA Antibody	Rabbit	P	E, WB, IHC-P, IF	HU	7473
CD200 Antibody	Rabbit	P	WB	HU	59-437
CD200R1 Antibody	Rabbit	P	WB	HU	58-219
CD226 Antibody	Rabbit	P	WB	HU	58-455
CD27 Antibody [LG.3A10] (FITC)	Hamster	M	IHC, Flow	HU, MS	48-006
CD276	Rabbit	P	E, IF, IHC-P, WB	HU, MS, RAT	8689
CD28 Antibody [CD28.2]	Mouse	M	Flow, Func, IHC, IP	HU	76-725
CD40 Antibody [LOB7/6]	Mouse	M	IHC, IP, Flow	HU, DOG	51-054
CD70 Antibody	Rabbit	P	WB, IHC-P	HU	57-954
CD80 Antibody [16-10A1]	Hamster	M	FACS, Func, IHC, IF, IP	MS	76-040
CD86 Antibody	Rabbit	P	E, WB	HU	8681
GITRL	Rabbit	P	E, ICC, WB	HU, MS	3591
ICOS Antibody	Rabbit	P	E, IF, IHC, WB	HU	8685
ICOSLG Antibody [2D3]	Rabbit	P	E, IF, IHC, WB	HU	8687
IDO Antibody	Rabbit	P	E, Flow, ICC, WB	HU	36-228
IL-15 Antibody	Rabbit	P	E, WB, Neut	HU	XP-5169
KIR2DL4 Antibody	Rabbit	P	WB, IHC-P, Flow	HU	63-756
KIR2DS2 Antibody	Rabbit	P	WB, IHC-P, Flow	HU	62-043
LAG-3 Antibody	Rabbit	P	E, WB	HU, MS	8655
PD-1 Antibody	Rabbit	P	E, IF, IHC-P, WB	HU, MS, RAT	4065
PD-L1 Antibody	Rabbit	P	E, WB, IHC-P, IF, Flow	HU, MS, RAT	4059
SLAMF1 Antibody	Rabbit	P	E, WB, IHC-P, IF	HU, MS, RAT	6247
SLAMF2 Antibody	Rabbit	P	E, WB	HU, MS, RAT	6249
SLAMF4 Antibody	Rabbit	P	E, WB, IF	HU, MS, RAT	6253
TIGIT Antibody	Rabbit	P	WB	HU, MS	61-342
TIM-3 Antibody	Rabbit	P	E, IF, IHC-P, WB	HU	8659
VTCN1	Rabbit	P	E, WB	HU, MS	7189





# Risk-Free Immune Checkpoints

## Risk-Free Features & Benefits

Recognize **native human proteins**

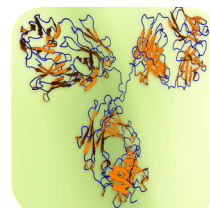
Rigorously evaluated & **guaranteed high performance**

Matched ELISA pairs & detection sets for your **specific application**

Product Name	Host	Isotype	Application	Reactivity	Cat. No.
PD-1 Antibody [4D6]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16001
PD-1 Antibody [8A4]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16002
PD-1 Antibody [7H6]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16003
PD-1 Antibody [4C7]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16004
PD-1 Antibody [10B3]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16005
PD-1 Antibody [5D3]	Mouse	IgG1	E, IHC-P, ICC, IF, Flow	HU	RF16006
CTLA-4 Antibody [1E6]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16011
CTLA-4 Antibody [2G10]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16012
CTLA-4 Antibody [8A1]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16013
PD-L2 Antibody [4E10]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16021
PD-L2 Antibody [8C12]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16022
PD-L2 Antibody [7C7]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16023
PD-L2 Antibody [7C1]	Mouse	IgG2b	E, WB, IHC-P, ICC, IF, Flow	HU	RF16024
PD-L2 Antibody [10H6]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16025
PD-L1 Antibody [4F2]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16031
PD-L1 Antibody [8E12]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16032
PD-L1 Antibody [6H10]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16035
PD-L1 Antibody [2D6]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16036
PD-L1 Antibody [1F11]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16037
PD-L1 Antibody [1D7]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16038
CD80 Antibody [8G12]	Mouse	IgG2b	E, IHC-P, ICC, IF, Flow	HU	RF16041
CD80 Antibody [10A1]	Mouse	IgG2b	E, IHC-P, ICC, IF, Flow	HU	RF16042
CD80 Antibody [7A2]	Mouse	IgG1	E, IHC-P, ICC, IF, Flow	HU	RF16043
CD80 Antibody [11D1]	Mouse	IgG1	E, IHC-P, ICC, IF, Flow	HU	RF16044
CD80 Antibody [11C12]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16045
CD80 Antibody [12D9]	Mouse	IgG1	E, WB, IHC-P, ICC, IF	HU	RF16046

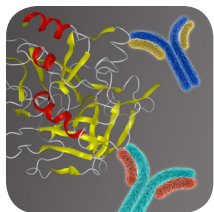


# Mouse Monoclonal Antibodies



Product Name	Host	Isotype	Application	Reactivity	Cat. No.
TIGIT Antibody [7E5]	Mouse	IgG2b	E, IHC-P, ICC, IF, Flow	HU	RF16051
TIGIT Antibody [3B5]	Mouse	IgG2a	E, IHC-P, ICC, IF, Flow	HU	RF16053
TIGIT Antibody [4A10]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16054
TIGIT Antibody [4A11]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16055
TIGIT Antibody [4A12]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16056
TIGIT Antibody [10B1]	Mouse	IgG1	E, IHC-P, ICC, IF, Flow	HU	RF16058
LIGHT Antibody [7B9F12]	Mouse	IgG2b	E, WB, IHC-P, ICC, IF, Flow	HU	RF16061
LIGHT Antibody [7B9H9]	Mouse	IgG2b	E, WB, IHC-P, ICC, IF, Flow	HU	RF16062
LIGHT Antibody [7B9E12]	Mouse	IgG2b	E, WB, IHC-P, ICC, IF, Flow	HU	RF16063
LIGHT Antibody [8D4]	Mouse	IgG2b	E, WB, IHC-P, ICC, IF, Flow	HU	RF16064
VISTA Antibody [4C4]	Mouse	IgG1	E, WB, IHC-P, ICC, IF, Flow	HU	RF16071
VISTA Antibody [6D2]	Mouse	IgG1	E, IHC-P, ICC, IF, Flow	HU	RF16072
VISTA Antibody [8E11]	Mouse	IgG1	E, IHC-P, ICC, IF, Flow	HU	RF16073
VISTA Antibody [9E4]	Mouse	IgG2b	E, IHC-P, ICC, IF, Flow	HU	RF16074
LAG-3 Antibody [2G8]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16082
LAG-3 Antibody [7A7]	Mouse	IgG2a,k	E, ICC, Flow	HU	RF16083
LAG-3 Antibody [9F9]	Mouse	IgG2a,k	E, IHC-P, ICC, IF, Flow	HU	RF16084
LAG-3 Antibody [6B12]	Mouse	IgG1,k	IHC-P, ICC, IF	HU	RF16086
LAG-3 Antibody [6D1]	Mouse	IgG1,k	IHC-P, ICC, IF	HU	RF16087
LAG-3 Antibody [5F11]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16088
LAG-3 Antibody [1G4]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16089
B7-H3 Antibody [2H5]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16091
B7-H3 Antibody [2A7]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16092
B7-H3 Antibody [4H3]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16093
B7-H3 Antibody [7B3]	Mouse	IgG1,k	E, IHC-P, ICC, IF, Flow	HU	RF16094
B7-H3 Antibody [10G6]	Mouse	IgG1,k	E, IHC-P, ICC, IF, Flow	HU	RF16095
TIM-3 Antibody [10C10]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16103
TIM-3 Antibody [1H4]	Mouse	IgG1,k	E, ICC, Flow	HU	RF16104
TIM-3 Antibody [3G7]	Mouse	IgG1,k	E, IHC-P, ICC, IF, Flow	HU	RF16105
TIM-3 Antibody [2A6]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16106
TIM-3 Antibody [1B10]	Mouse	IgG1,k	E, WB, IHC-P, ICC, IF, Flow	HU	RF16107
TIM-3 Antibody [1C6]	Mouse	IgG2b,k	E, IHC-P, ICC, IF, Flow	HU	RF16108
TIM-3 Antibody [9G1]	Mouse	IgG2b,k	E, IHC-P, ICC, IF, Flow	HU	RF16109
TMIGD2 Antibody [8A1]	Mouse	IgG1,k	E, WB, ICC, IF, IHC-P, Flow	HU	RF16121
TMIGD2 Antibody [8G1]	Mouse	IgG1,k	E, WB, ICC, IF, IHC-P	HU	RF16122
TMIGD2 Antibody [7A10]	Mouse	IgG1,k	ICC, IF, IHC-P	HU	RF16123





# Additional Products

## Recombinant Proteins

Product Name	Species	Cell Line	Cat. No.
PD-L1 Recombinant Protein	Human	HEK293	RF16030-01
CD273 Recombinant Protein	Human	HEK293	RF16020-01
PD-1 Recombinant Protein	Human	HEK293	RF16000-01
B7-H3 Recombinant Protein	Human	Human Cells	RF16090-01
CD80 recombinant protein	Human	Human Cells	RF16040-01
CTLA-4 Recombinant Protein	Human	HEK293	RF16010-01
TMIGD2 Recombinant Protein	Human	Human Cells	RF16120-01
LAG-3 Recombinant Protein	Human	Human Cells	RF16080-01
B7-H5 Recombinant Protein	Human	HEK293	96-825
VSTM3 Recombinant Protein	Human	HEK293	RF16050-01
LIGHT Recombinant Protein	Human	Human Cells	RF16060-01
TIM-3 Recombinant Protein	Human	HEK293	RF16100-01
ICOSLG Recombinant Protein	Human	HEK293	96-047

## Lysates

Product Name	Species	Tissue/Cell	Cat. No.
THP-1 Lysate	Human	Cell	RF10001-01
HEK293 Lysate	Human	Cell	RF10001-02
Human Spleen Lysate	Human	Tissue	RF10001-03
Human Tonsil Lysate	Human	Tissue	RF10001-04
Human Lymph Node Lysate	Human	Tissue	RF10001-05
Raji Lysate	Human	Cell	RF10001-06

## Slides

Product Name	Species	Tissue/Cell	Cat. No.
THP-1 Cell Slide	Human	Cell	RF10002-01
HEK293 Cell Slide	Human	Cell	RF10002-02
Spleen Tissue Slide (Normal)	Human	Tissue	RF10002-03
Raji Cell Slide	Human	Tissue	RF10002-04
Stomach Tissue Slide (Malignant Tumor)	Human	Tissue	RF10002-05
Colorectal Tissue Slide (Adenocarcinoma)	Human	Cell	RF10002-06

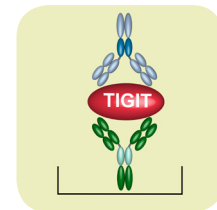
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**PRODUCTS**

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# Detection Sets & Matched Pairs



## Detection Sets

Product Name	Host	Clones	Application	Reactivity	Cat. No.
PD-1 Detection Set	Mouse	5	E, WB, IHC-P, ICC, IF, Flow	HU	RF16000
PD-L1 Detection Set	Mouse	6	E, WB, IHC-P, ICC, IF, Flow	HU	RF16030
CTLA-4 Detection Set	Mouse	3	E, WB, IHC-P, ICC, IF	HU	RF16010
PD-L2 Detection Set	Mouse	5	E, WB, IHC-P, ICC, IF, Flow	HU	RF16020
CD80 Detection Set	Mouse	6	E, WB, IHC-P, ICC, IF, Flow	HU	RF16040
TIGIT Detection Set	Mouse	6	E, WB, IHC-P, ICC, IF, Flow	HU	RF16050
LIGHT Detection Set	Mouse	4	E, WB, IHC-P, ICC, IF, Flow	HU	RF16060
VISTA Detection Set	Mouse	4	E, WB, IHC-P, ICC, IF, Flow	HU	RF16070
LAG-3 Detection Set	Mouse	7	E, WB, IHC-P, ICC, IF, Flow	HU	RF16080
B7-H3 Detection Set	Mouse	5	E, WB, IHC-P, ICC, IF, Flow	HU	RF16090
TIM-3 Detection Set	Mouse	7	E, WB, IHC-P, ICC, IF, Flow	HU	RF16100
TMIGD2 Detection Set	Mouse	3	E, WB, IHC-P, ICC, IF, Flow	HU	RF16020
PD-1 Single Domain Detection Set	Llama	4	E, ICC, Flow	HU	SD8600

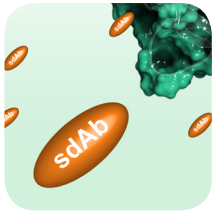
## ELISA Matched Pairs

Product Name	Host	Capture	Detection	Reactivity	Cat. No.
PD-1 ELISA MATCHED PAIR	Mouse	RF16004	RF16003-HRP	HU	RFP-0001
PD-1 ELISA MATCHED PAIR	Mouse	RF16005	RF16002-HRP	HU	RFP-0002
PD-1 ELISA MATCHED PAIR	Mouse	RF16006	RF16003-Biotin	HU	RFP-0003
PD-L1 ELISA MATCHED PAIR	Mouse	RF16031	SD8639	HU	RFP-0303
PD-L1 ELISA MATCHED PAIR	Mouse	RF16032	SD8639	HU	RFP-0306
PD-L1 ELISA MATCHED PAIR	Mouse	RF16038	RF16032-Biotin	HU	RFP-0307
CTLA-4 ELISA MATCHED PAIR	Mouse	RF16011	RF16013-HRP	HU	RFP-0101
CTLA-4 ELISA MATCHED PAIR	Mouse	RF16013	RF16011-HRP	HU	RFP-0102
TIGIT ELISA MATCHED PAIR	Mouse	RF16055	RF16058-Biotin	HU	RFP-0501
TIM-3 ELISA MATCHED PAIR	Mouse	RF16104	RF16103-Biotin	HU	RFP-1001

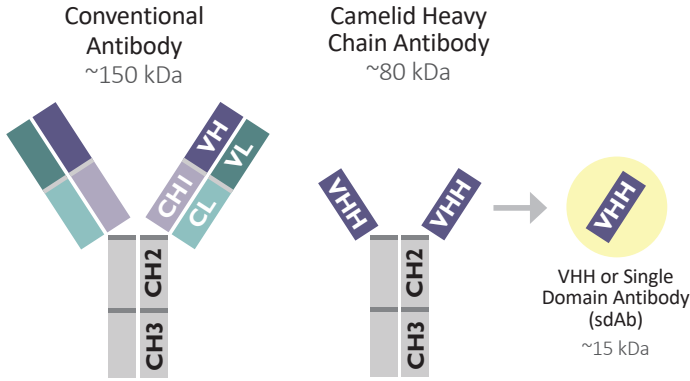
## Conjugates

Product Name	Host	Conjugate	Application	Cat. No.
PD-1 Antibody [8A4] (HRP)	Mouse	HRP	ELISA	RF16002-HRP
PD-1 Antibody [7H6] (biotin)	Mouse	Biotin	ELISA	RF16003-biotin
PD-1 Antibody [7H6] (HRP)	Mouse	HRP	ELISA	RF16003-HRP
CTLA-4 Antibody [1E6] (HRP)	Mouse	HRP	ELISA	RF16011-HRP
CTLA-4 Antibody [8A1] (HRP)	Mouse	HRP	ELISA	RF16013-HRP
PD-L1 Antibody [8E12] (biotin)	Mouse	Biotin	ELISA	RF16032-biotin
TIGIT Antibody [10B1] (biotin)	Mouse	Biotin	ELISA	RF16058-biotin
TIM-3 Antibody [10C10] (biotin)	Mouse	Biotin	ELISA	RF16103-biotin





# Single Domain Antibodies



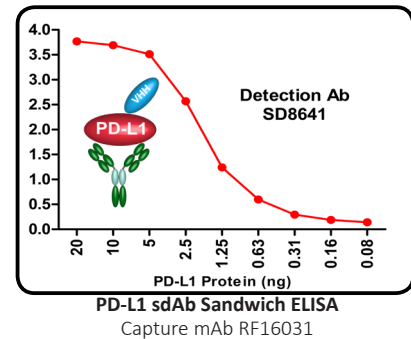
## Single Domain Antibodies

Recombinant monoclonal antibodies that can target unique epitopes inaccessible by conventional antibodies.



## Features & Benefits

- Smallest functional antibody unit (~15 kDa)
- High affinity and specificity
- High solubility and stability
- Lot to lot consistency
- Ideal for research, diagnostic, and therapeutic applications



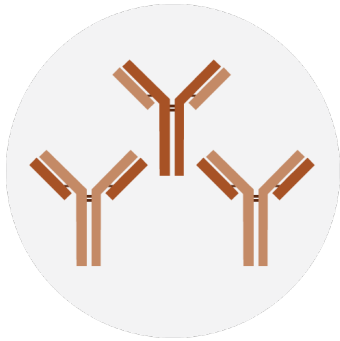
Product Name	Host	Isotype	Application	Reactivity	Cat. No.
PD-1 Antibody [F12A8]	Llama	sdAb	E, Flow	HU	SD8643
PD-1 Antibody [F42D7]	Llama	sdAb	E, Flow	HU	SD8645
PD-1 Antibody [F34C9]	Llama	sdAb	E, Flow	HU	SD8647
PD-1 Antibody [F25F4]	Llama	sdAb	E, Flow	HU	SD8649
PD-L1 Antibody [F6A9]	Llama	sdAb	ICC, Flow	HU	SD8639
PD-L1 Antibody [F2G2]	Llama	sdAb	E, ICC, Flow	HU	SD8641
Single Domain Negative Control[1H4]	Llama	sdAb	E, WB, IHC-P, ICC, IF	HU	RF16011

Coming Soon						
CTLA-4	TIGIT	TIM-3	LAG-3	B7-H3	B7-H4	Your Target





# Custom Antibody Services



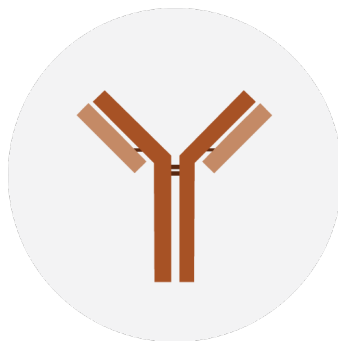
## Polyclonal Antibodies

### Species Available:

Chicken    Goat    Rabbit  
Llama      Mouse

### Features & Benefits

Quick turnaround  
High avidity  
Multiple host species  
Useful for a variety of applications



## Monoclonal Antibodies

### Species Available:

Mouse  
Rabbit

### Features & Benefits

Unlimited quantity & availability  
Lot-to-lot consistency  
Quick reproduction  
High specificity



## Single Domain Antibodies

### Species Available:

Llama

### Features & Benefits

~15 kDa antibody size  
Enhanced tissue penetration  
High affinity & specificity  
Able to cross blood-brain barrier  
Binds small cavities or clefts

## Additional Antibody Services

### Free Antigen Design Assistance

Optimize your antigen's likelihood to elicit an immune response & performance for desired antibody application. Service includes structural predictions & sequence analysis.

Peptide Synthesis	Conjugation	Antibody Labeling	Antibody Purification
Scales from milligram to grams	SMCC	HRP	Protein A/G
Purities from crude to >98%	GLUT	Biotin	Immuno-Affinity
Modifications: phosphorylation, methylation, acetylation & more	EDC	FITC	IgY





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- **Over 30,000 catalog products to choose from**