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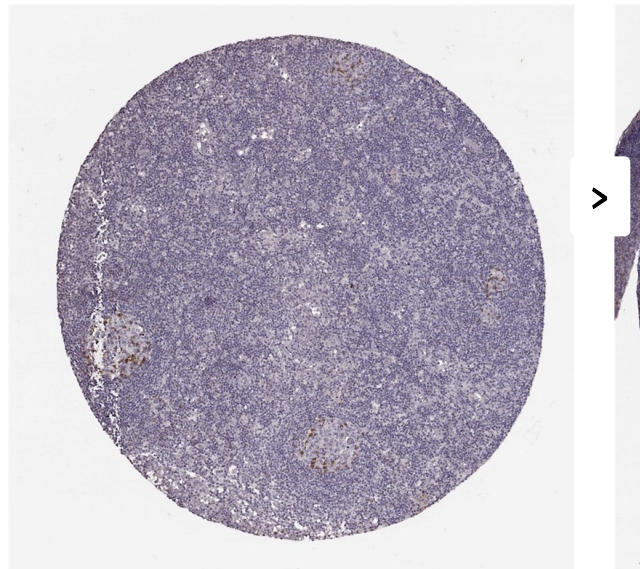
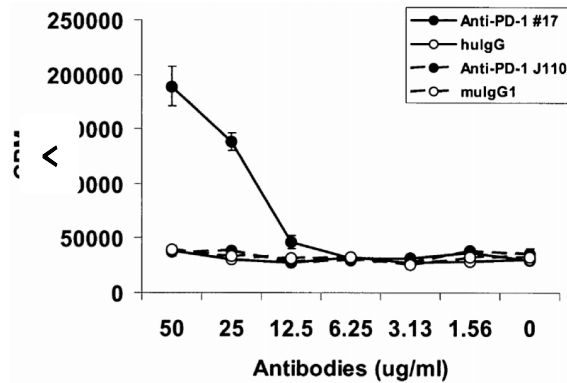
Anti-Human PDCD1 Recombinant Antibody (PD1-17)

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Anti-Human PDCD1 Recombinant Antibody (PD1-17) (CAT#: TAB-0961CL)

This antibody can inhibit binding of PD-L1 to PD-1 and modulate immune responses mediated by TcR and CD28, in particular. It may be used in treating autoimmune diseases, inflammatory disorders, allergies, transplant rejection, cancer, and other immune system disorders.

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Host: Human

Isotype: Human antibody

Applications: ELISA, FuncS

See more Engineered Antibody products for PDCCD1
(/symbolsearch_PDCCD1_2.htm)

SPECIFIC INQUIRY

Size: ☐ 500 µg ☐ 1 mg ☐ 2 mg ☐ 5 mg ☐ 10 mg ☐ 50 mg
☐ 100 mg ☐ 1 g ☐ Other Specify Size

Conjugation: ☐ NONE ☐ PE ☐ APC ☐ Biotin ☐ FITC ☐ HRP
☐ Oligonucleotide ☐ Azide ☐ Other Specify Conjugation

Endotoxin: ☐ Regular batch (without endotoxin removal) ☐ <1EU/mg
☐ <0.1EU/mg ☐ Other Specify Endotoxin

Purity: ☐ SEC-HPLC>90% ☐ SEC-HPLC>95% ☐ SEC-HPLC>98%
☐ SDS-PAGE>95% ☐ Other Specify Purity

Fc Engineering: ☐ Fc silenced ☐ ADCC enhanced ☐ CDC enhanced
☐ Reduced CDC ☐ Increased half-life ☐ ADCC and CDC enhanced
☐ Reduced ADCC and CDC ☐ Reduced Fab-arm exchange ☐ ADCC enhanced

☐ Reduced effector function

☐ Increased coengagement

☐ Other

Specify Fc Engineering

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Published Data

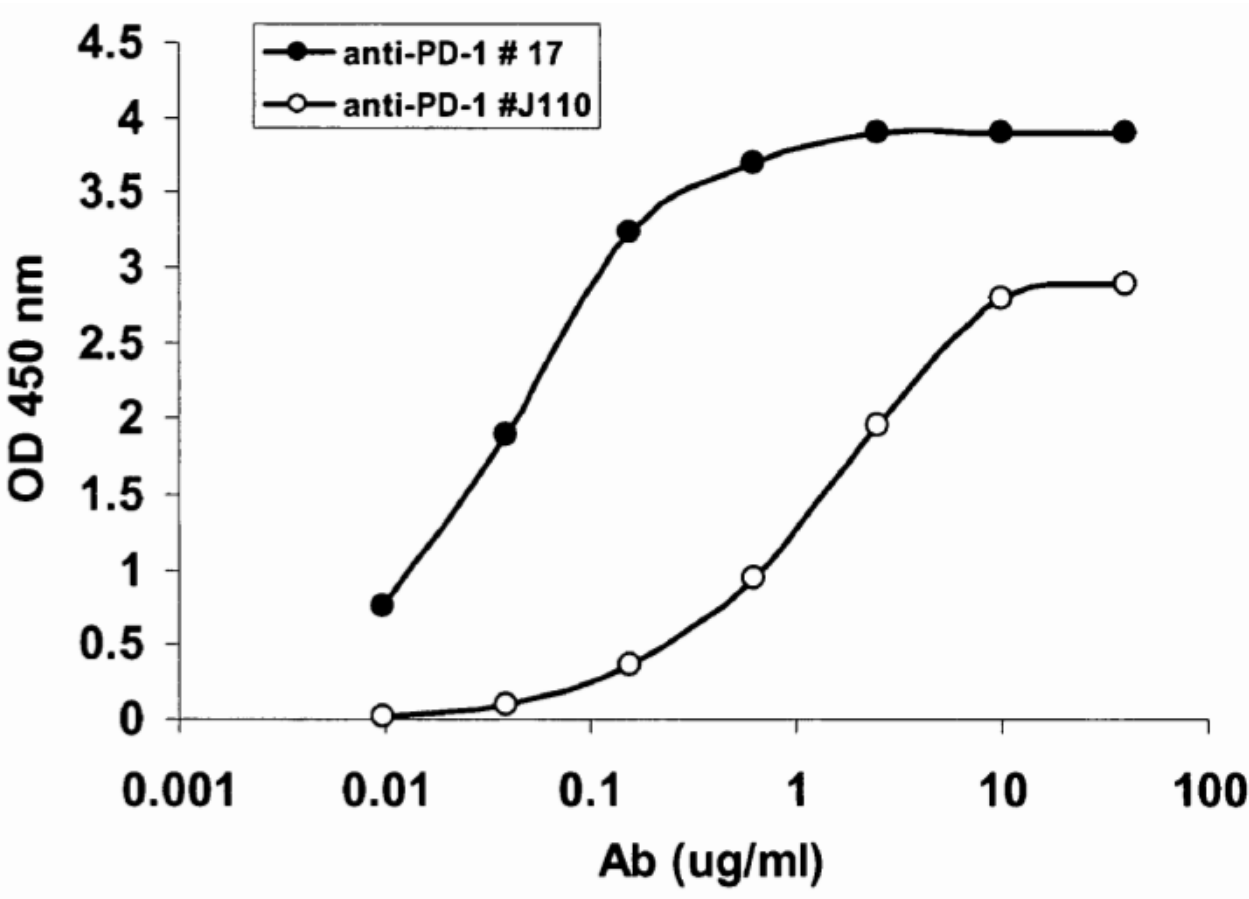
Gene Expression

Datasheet

MSDS

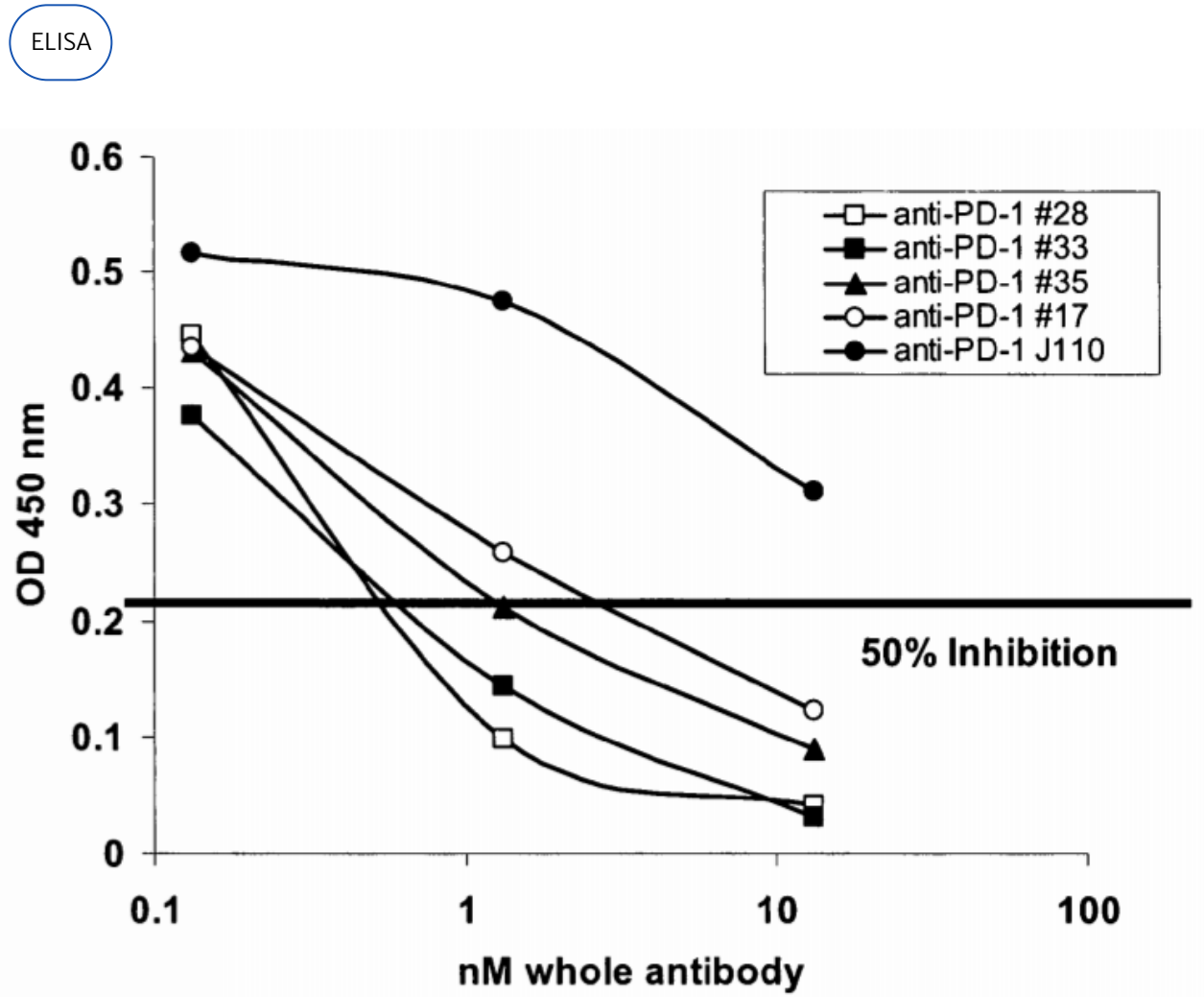
COA

ELISA



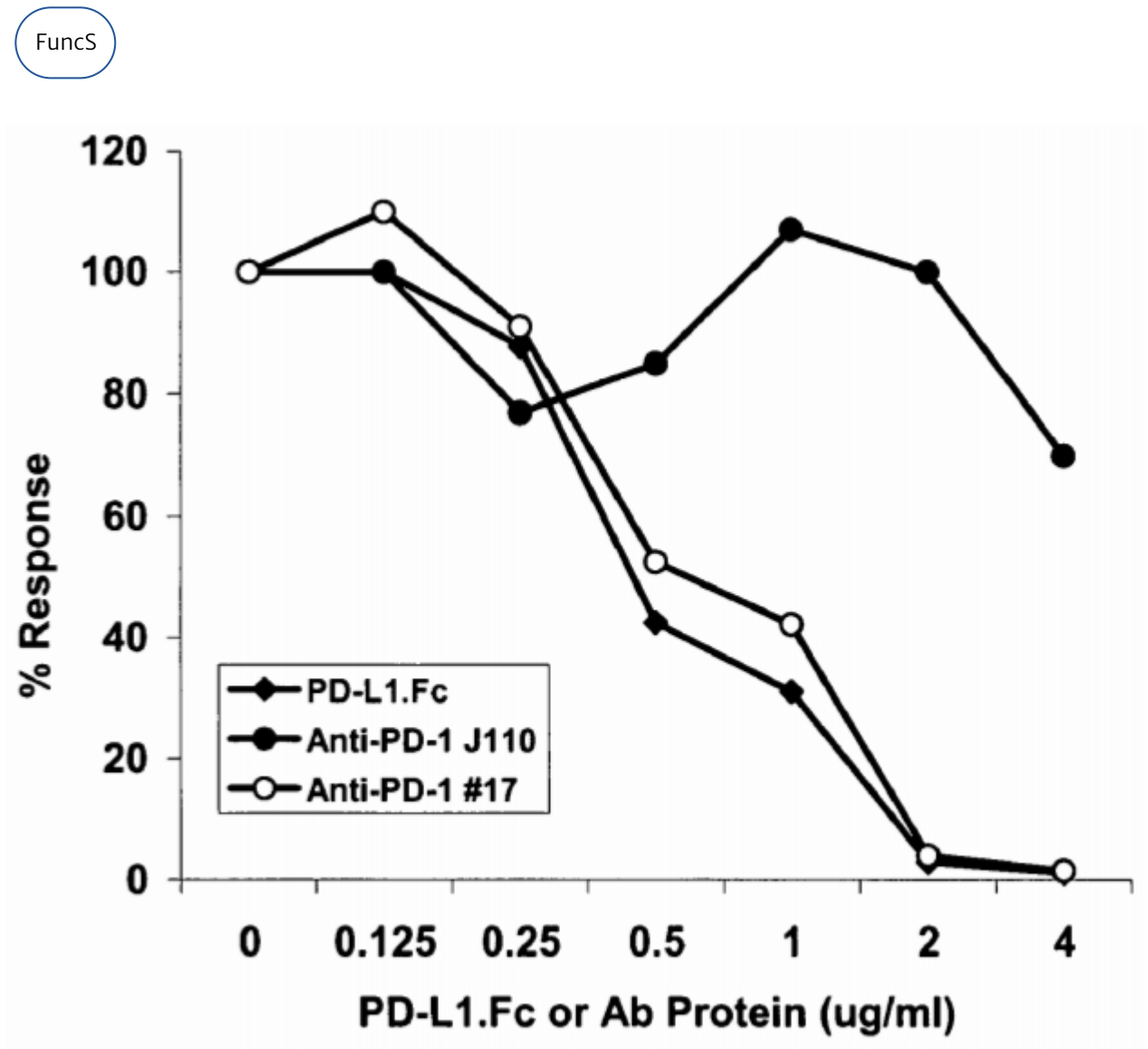
(<http://img.creativebiolabs.net/productimages/TAB-0961CL-1.png>)

Figure 1 Reactivity of IgG-converted antibodies with human or mouse PD-1 as determined by ELISA.



(<http://img.creativebiolabs.net/productimages/TAB-0961CL-2.png>)

Figure 2 An ELISA demonstrating that selected PD-1 antibodies inhibit binding of PD-L1 to PD-1.

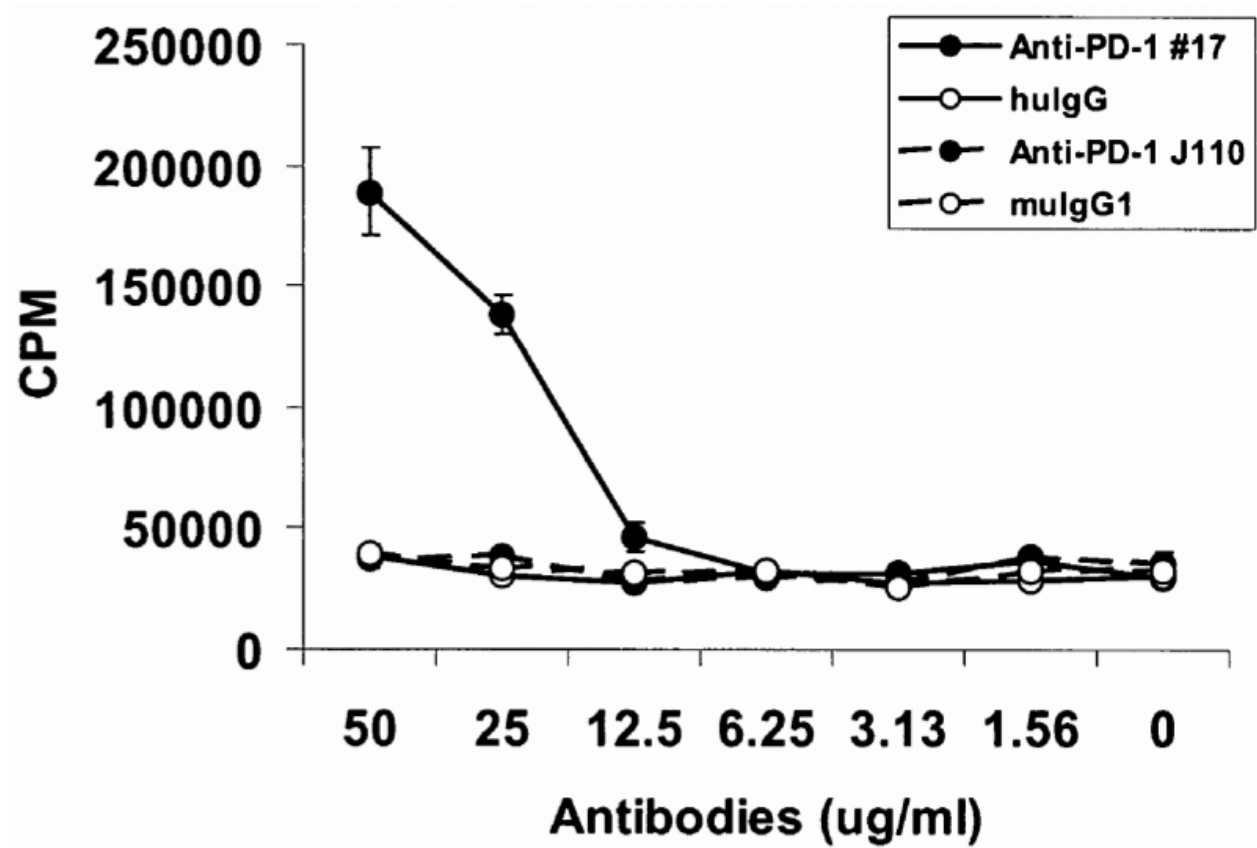


(<http://img.creativebiolabs.net/productimages/TAB-0961CL-3.png>)

Figure 3 T-cell proliferation assays demonstrating that co-engagement by TcR and anti-PD-1 antibody PD1-17 or PD-L1.

Fc reduces proliferation. Co-engagement by TcR and anti-PD-1 J110 has no effect on proliferation.

FuncS



(<http://img.creativebiolabs.net/productimages/TAB-0961CL-4.png>)

Figure 4 Enhanced proliferation of primary T cells by PD1-17 in a soluble form.

Specifications

Immunogen

Soluble PD-1 fusion protein

Host Species

Human

Derivation

scFv phagemid library

Type

Human antibody

Specificity

Human

Clone

PD1-17

Applications

ELISA, FuncS *

Related Disease

Rheumatoid arthritis (RA)

Applications

Application Notes

The antibody was validated for ELISA, Functional Assay. For details, refer to Published Data.

Target

Alternative Names

PDCD1; programmed cell death 1; PD1; PD-1; CD279; SLEB2; hPD-1; hPD-I; hSLE1; programmed cell death protein 1; protein PD-1; systemic lupus erythematosus susceptibility 2

Gene ID

5133 (<http://www.ncbi.nlm.nih.gov/gene/5133>)

UniProt ID

Q15116 (<http://www.uniprot.org/uniprot/Q15116>)

Product Notes

This is a product of Creative Biolabs' Hi-Affi™ recombinant antibody portfolio, which has several benefits including:

- Increased sensitivity
- Confirmed specificity
- High repeatability
- Excellent batch-to-batch consistency
- Sustainable supply
- Animal-free production

See more details about Hi-Affi™ recombinant antibody benefits ([why-recombinant-monoclonal-antibodies.htm](#)).

Downloads

Download resources (downloads) about recombinant antibody development and antibody engineering to boost your research.

See other products for "Clone PD1-17"

TAB-0961CL-S(P) (/Anti-PDCD1-scFv-29303.htm)

Anti-Human PDCD1 Recombinant Antibody scFv Fragment (PD1-17) (/Anti-PDCD1-scFv-29303.htm)

TAB-0961CL-F(E) (/Anti-PDCD1-Fab-30957.htm)

Anti-Human PDCD1 Recombinant Antibody Fab Fragment (PD1-17) (/Anti-PDCD1-Fab-30957.htm)

See other products for "PDCD1"

Humanized Antibody

CAT	Product Name	Application	Type
TAB-0966CL (/Anti-PDCD1-Recombinant-Antibody-TAB-0966CL-27654.htm)	Human Anti-PDCD1 Recombinant Antibody (TAB-0966CL) (/Anti-PDCD1-Recombinant-Antibody-TAB-0966CL-27654.htm)	ELISA	Humanized antibody
TAB-0975CL (/Anti-PDCD1-Recombinant-Antibody-TAB-0975CL-27663.htm)	Human Anti-PDCD1 Recombinant Antibody (TAB-0975CL) (/Anti-PDCD1-Recombinant-Antibody-TAB-0975CL-27663.htm)	ELISA	Humanized antibody
TAB-0977CL (/Anti-	Anti-Human PDCD1 Recombinant Antibody (TAB-0977CL) (/Anti-		Humanized

Customer Reviews and Q&As

Submit a review or a question (/form/review?cat=(TAB-0961CL) Anti-Human PDCD1 Recombinant Antibody (PD1-17))

There are currently no Customer reviews or questions for **TAB-0961CL**. Click the button above to contact us or submit your feedback about this product.

View the frequently asked questions (/faqs.htm) answered by Creative Biolabs Support.

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* Abbreviations

3D IHC 3D Immunohistochemistry

Activ Activation

Agonist Agonist

Apop Apoptosis

BA Bioassay

BI Bioimaging

Block Blocking

Cell Screening Cell Screening

Separation Cell Separation

ChIP Chromatin Immunoprecipitation

CMCD Complement Mediated Cell Depletion

Costim Costimulation

Cyt Cytotoxicity

[Depletion](#) Depletion

[DB](#) Dot Blot

[EM](#) Electron Microscopy

[ELISA](#) Enzyme-linked Immunosorbent Assay

[ELISPOT](#) Enzyme-linked Immunosorbent Spot

[FC](#) Flow Cytometry

[FuncS](#) Functional Assay

[GS](#) Gel Super Shift Assay

[HA](#) Hemagglutination

[IA](#) Immunoassay (/immunoassay.htm)

[IB](#) Immunoblotting (/immunoblotting.htm)

[ICC](#) Immunocytochemistry (/immunocytochemistry.htm)

[ID](#) Immunodiffusion (/immunodiffusion.htm)

[IF](#) Immunofluorescence (/immunofluorescence.htm)

[IHC](#) Immunohistochemistry (/immunohistochemistry.htm)

[IHC-Fr](#) Immunohistochemistry-Frozen (/immunohistochemistry-frozen.htm)

[IHC-P](#) Immunohistochemistry-Paraffin (/immunohistochemistry-paraffin.htm)

[RE](#) Immunohistology – Resin Sections

[IP](#) Immunoprecipitation

[IRMA](#) Immunoradiometric Assay

[SH](#) In situ hybridization

[Inhib](#) Inhibition

[ICFC](#) Intracellular Staining for Flow Cytometry

[KO/KD-WB](#) Knockout/Knockdown target confirmation by Western Blot

[Live cell imaging](#) Live cell imaging (/live-cell-imaging.htm)

[CyTOF®](#) Mass Cytometry

[MeDIP](#) Methylated DNA Immunoprecipitation

[Multiplex](#) Multiplex bead-based assay (/multiplex-bead-based-assay.htm)

[Neut](#) Neutralization (/neutralization.htm)

[PP](#) Protein Purification (/protein-purification.htm)

[PG](#) Proteogenomics

[RI](#) Radial Immunodiffusion

[RIA](#) Radioimmunoassay

[Stim](#) Stimulation

[SPR](#) Surface Plasmon Resonance

[TC](#) Tissue Culture (/tissue-culture.htm)

[TB](#) Turbidimetry (/turbidimetry.htm)

[WB](#) Western Blot

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Name :

* Phone :

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[TAB-0961CL] Anti-Human PDCD1 Recombinant Antibody (PD1-17)

Project Description :



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