

PAA751Hu01

Polyclonal Antibody to Programmed Cell Death Protein 1 (PD1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.25mg/mL

UOM: 100μL

Cross Reactivity: Rat;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant PD1 (Leu41~Ala132) expressed in *E.coli*

Accession No.: RPA751Hu01

[APPLICATIONS]

Western blotting: 0.01-5μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence:5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

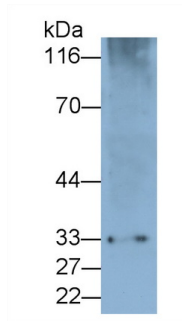
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

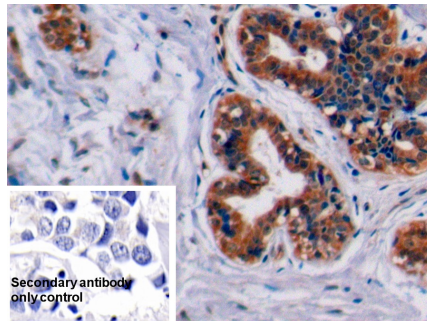
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

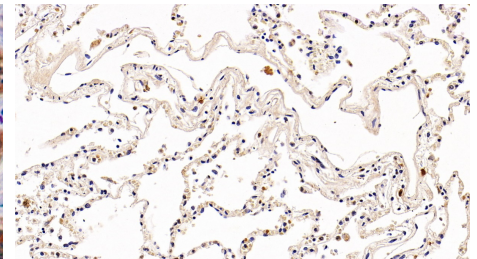
[IDENTIFICATION]



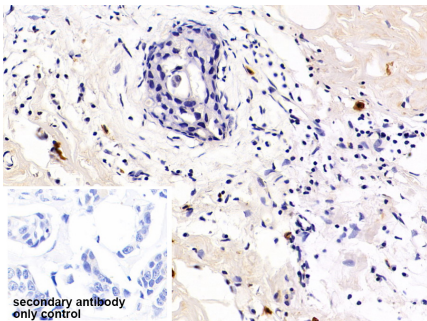
Western Blot; Sample: Rat Spleen lysate Primary Ab: 0.1µg/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Selected



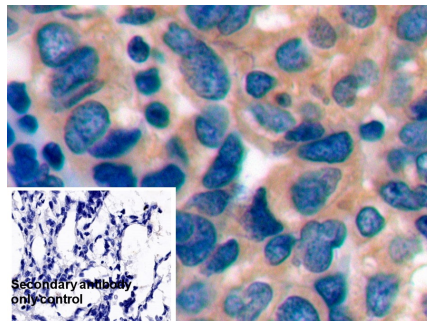
DAB staining on IHC-P; Sample: Human Breast cancer Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



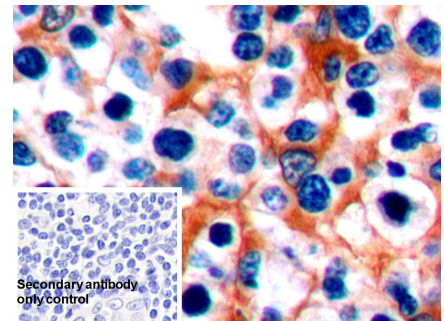
DAB staining on IHC-P; Sample: Human Lung Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Human Breast cancer Tissue Primary Ab: 20µg/ml Rabbit Anti-Human PDCD1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



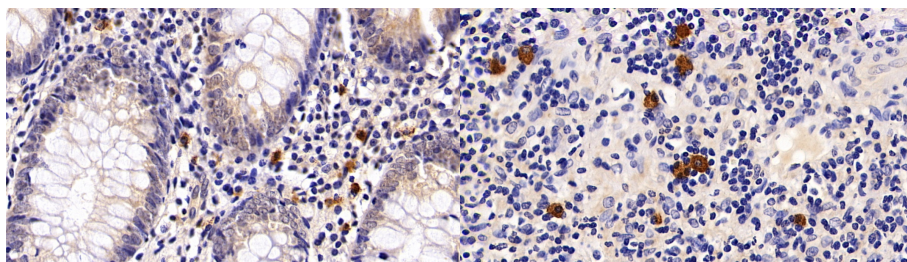
DAB staining on IHC-P; Sample: Human Ovarian cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Secondary antibody only control: Used



DAB staining on IHC-P; Sample: Human Tonsil Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Secondary antibody only control: Used PBS instead of primary antibody,

PBS instead of primary antibody,
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

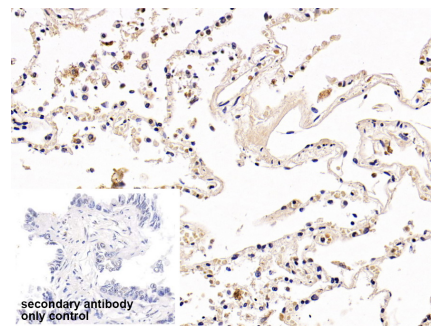


DAB staining on IHC-P;

Sample: Human Appendix Tissue;
Primary Ab: 20ug/ml Rabbit Anti-
Human PDCD1 Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

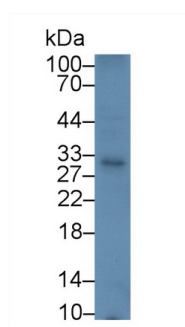
DAB staining on IHC-P;

Sample: Human Kidney Tissue;
Primary Ab: 20ug/ml Rabbit Anti-
Human PDCD1 Antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

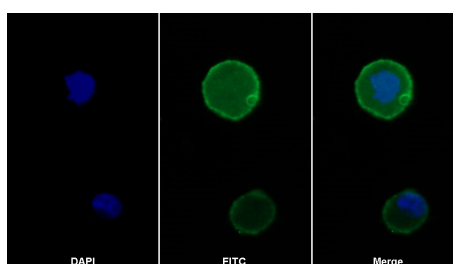


DAB staining on IHC-P;

Sample: Human Lung Tissue
Primary Ab: 20μg/ml Rabbit Anti-
Human PDCD1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Porcine Lymph
node lysate;
Primary Ab: 5μg/ml Rabbit Anti-Human
PDCD1 Antibody
Second Ab: 0.2μg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal



FITC staining on IF;

Sample: 293F cell
Primary Ab: 20μg/ml Rabbit Anti-
Human PDCD1 Antibody
Second Ab: 2μg/ml FITC-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody

Antibody

(Catalog: SAA544Rb11)

(Catalog: SAA544Rb19) Selected

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.