

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: 0.5mg/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.

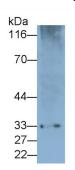
Aliquot and store at -20°C for 24 months.

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

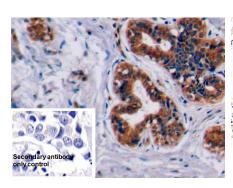
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obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



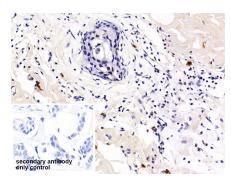
Western Blot; Sample: Rat Spleen lysate Primary Ab: 0.1µg/ml Rabbit Anti- Human Breast cancer Tissue; Primary Human PDCD1 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Selected



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

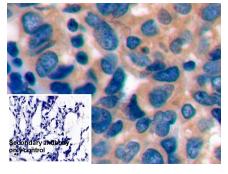


DAB staining on IHC-P; Sample: Human Lung Tissue; Primary Ab: 20ug/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

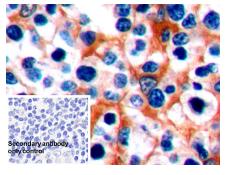


DAB staining on IHC-P; Sample: Human Breast cancer Tissue Primary Ab: 20µg/ml Rabbit Anti-Human PDCD1 Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(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;

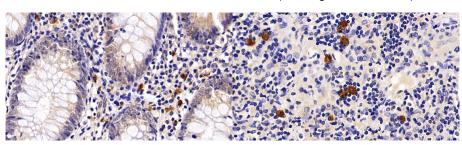
Sample: Human Tonsil Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human PDCD1 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19) Secondary antibody only control: Used PBS instead of primary antibody,

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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-

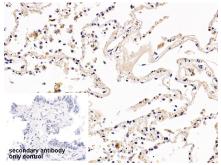
Human PDCD1 Antibody

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

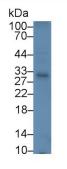
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb19)



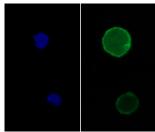
Western Blot; Sample: Porcine Lymph node lysate;

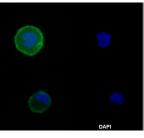
Primary Ab: 5µg/ml Rabbit Anti-Human

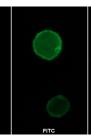
PDCD1 Antibody

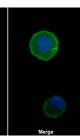
Second Ab: 0.2µg/mL HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal









FITC staining on IF;

Samples: PDCD1 transfected Human

293F cell lysate;

Primary Ab: 20µg/ml Mouse Anti-

Human PDCD1 Antibody

Second Ab: 2µg/ml FITC-Linked

Caprine Anti-Mouse 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 Antibody (Catalog: SAA544Rb11)

(Catalog: SAA544Rb19) Selected (Catalog: SAA544Mu18)

[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.