

PAA778Hu01

Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2)

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: Mouse;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant Bcl2 (Ala2~Asp211) expressed in *E.coli*

Accession No.: RPA778Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/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.

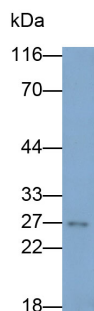
Store at 4°C for frequent use.

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

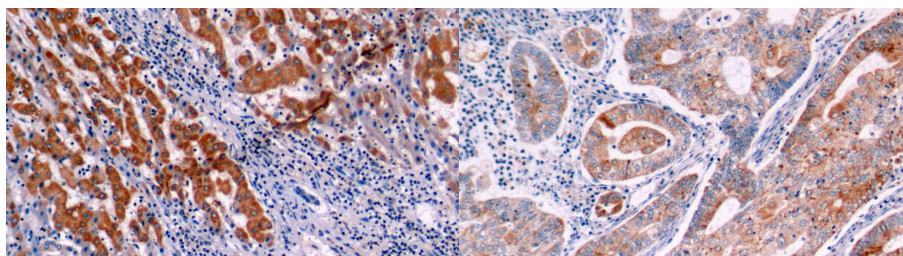
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



Western Blot; Sample: MCF7 cell lysate

Primary Ab: 0.02µg/ml Rabbit Anti-Human Bcl2 Antibody
Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;

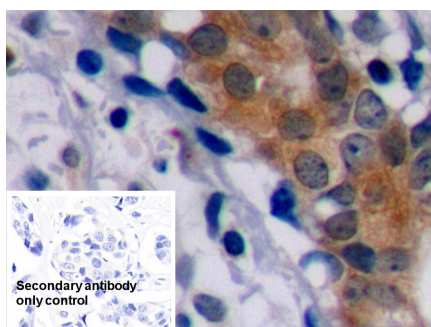
Sample: Human Liver cancer Tissue;

Primary Ab: 20ug/ml Rabbit Anti-Human Bcl2 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)

DAB staining on IHC-P;

Sample: Human Endometrial cancer Tissue;

Primary Ab: 20ug/ml Rabbit Anti-Human Bcl2 Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



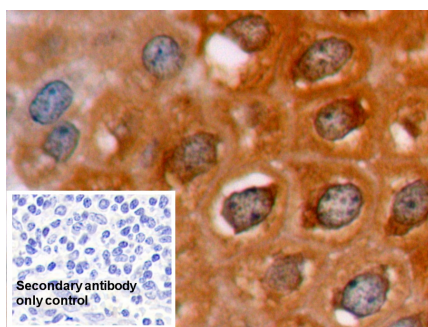
DAB staining on IHC-P;

Sample: Human Breast cancer Tissue

Primary Ab: 10µg/ml Rabbit Anti-Human Bcl2 Antibody

Control: Used PBS instead of primary antibody

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



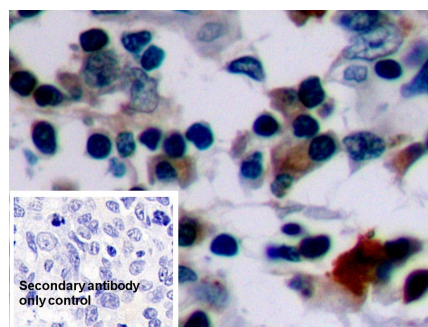
DAB staining on IHC-P;

Sample: Human Tonsil Tissue

Primary Ab: 10µg/ml Rabbit Anti-Human Bcl2 Antibody

Control: Used PBS instead of primary antibody

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



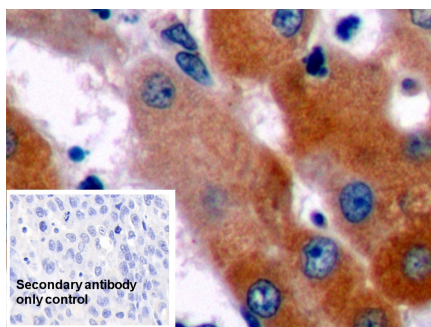
DAB staining on IHC-P;

Sample: Human Lymphoma Tissue

Primary Ab: 10µg/ml Rabbit Anti-Human Bcl2 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;

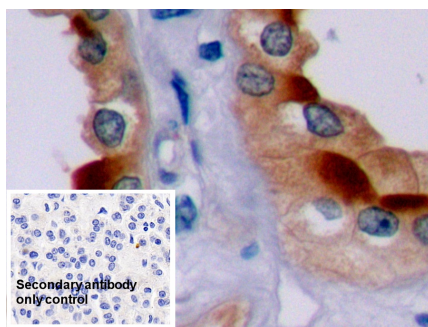
Sample: Human Liver cancer Tissue

Primary Ab: 10µg/ml Rabbit Anti-Human Bcl2 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;

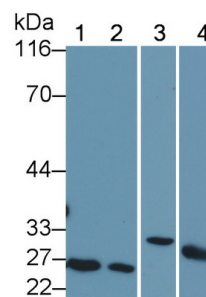
Sample: Human Kidney Tissue

Primary Ab: 10µg/ml Rabbit Anti-Human Bcl2 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

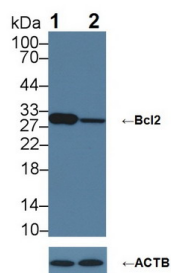


Western Blot; Sample: Lane1: Jurkat cell lysate; Lane2: U937 cell lysate; Lane3: Porcine Pancreas lysate; Lane4: Mouse Pancreas lysate

Primary Ab: 1?g/ml Rabbit Anti-Human Bcl2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type Jurkat cell lysate;

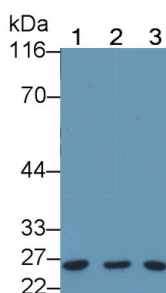
Lane 2: Bcl2 knockout Jurkat cell lysate;

Predicted MW: 26kDa

Observed MW: 28kDa

Primary Ab: 3µg/ml Rabbit Anti-Human Bcl2 Ab

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



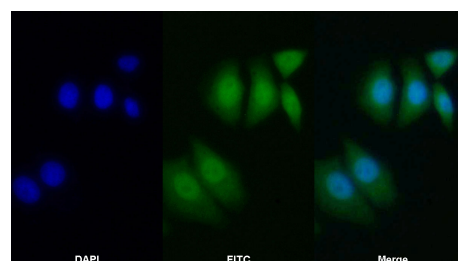
Western Blot; Sample: Lane1: Human

Placenta lysate; Lane2: Jurkat cell lysate; Lane3: U937 cell lysate

Primary Ab: 0.3?g/ml Rabbit Anti-Human Bcl2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



FITC staining on IF;

Sample: HepG2 cell

Primary Ab: 20µg/ml Rabbit Anti-Human Bcl2 Antibody

Second Ab: 2µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb11)

(Catalog: SAA544Rb19)

[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.