

PAA778Mu01

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

Organism Species: *Mus musculus* (Mouse)

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: Human;Rat;Canine;Equine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant Bcl2 (Ala2~Asp208) expressed in *E.coli*

Accession No.: RPA778Mu01

[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.

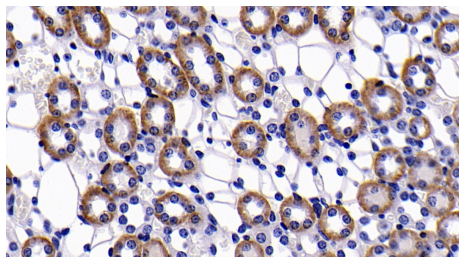
Store at 4°C for frequent use.

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

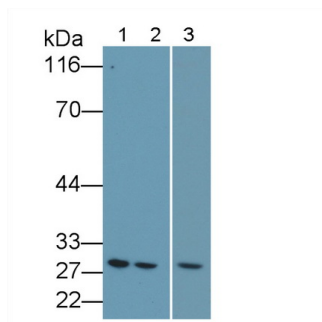
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

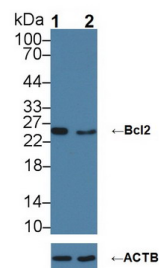


DAB staining on IHC-P; Samples:

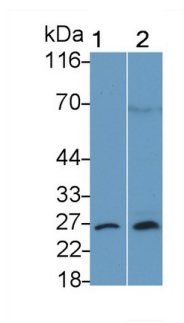
Mouse Kidney Tissue; Primary Ab:
20µg/ml Rabbit Anti-Mouse Bcl2
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog:
SAA544Rb19)



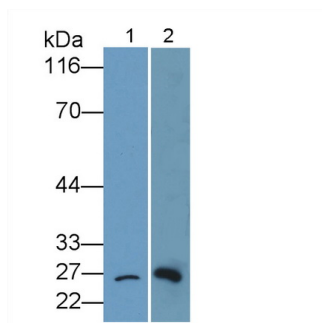
Western Blot; Sample: Lane1: Jurkat
cell lysate; Lane2: U937 cell lysate;
Lane3: Mouse Cerebrum lysate
Primary Ab: 4ug/ml Rabbit Anti-Mouse
Bcl2 Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



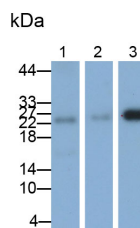
Knockout Varification:
Lane 1: Wild-type HL60 cell lysate;
Lane 2: Bcl2 knockout HL60 cell lysate;
Predicted MW: 22,26kDa
Observed MW: 26kDa
Primary Ab: 5µg/ml Rabbit Anti-Mouse
Bcl2 Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Canine
Cerebrum lysate; Lane2: Equine
Spleen lysate
Primary Ab: 4µg/ml Rabbit Anti-Mouse
Bcl2 Antibody
Second Ab: 0.2µg/mL HRP-Linked



Western Blot; Sample: Lane1: Canine
Cerebrum lysate; Lane2: Rat Cerebrum
lysate
Primary Ab: 4ug/ml Rabbit Anti-Mouse
Bcl2 Antibody
Second Ab: 0.2µg/mL HRP-Linked

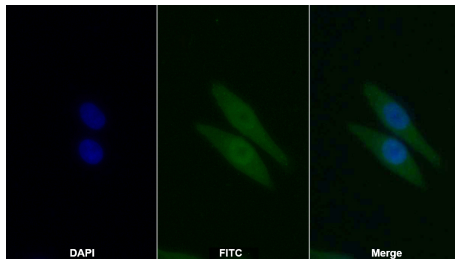


Western Blot; Samples: Lane1: Mouse
Spleen lysate; Lane2: Mouse Cerebrum
lysate; Lane3: Jurkat cell lysate;
Primary Ab: 1µg/ml Rabbit Anti-Mouse
Bcl2 Antibody
Second Ab: 0.2µg/ml HRP-Linked

Caprine Anti-Rabbit IgG Polyclonal
Antibody
(Catalog: SAA544Rb19)

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Antibody
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FITC staining on IF;

Samples: Human HepG2 cell;

Primary Ab: 20µg/ml Rabbit Anti-Mouse

Bcl2 Antibody

Second Ab: 1.5µg/ml FITC-Linked

Caprine Anti-Rabbit IgG Polyclonal

Antibody

(Catalog: SAA544Rb18)

[**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.