

PAB030Mu01

Polyclonal Antibody to Protein Tyrosine Phosphatase Receptor Type C (CD45)

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

Applications: WB; IHC; FCM

[IMMUNOGEN]

Immunogen: Recombinant CD45 (Asp371~Asn556 (Accession # P06800)) expressed in *E.coli*

Accession No.: RPB030Mu01

[APPLICATIONS]

Western blotting: 0.01-5μg/mL;

Immunohistochemistry: 5-20μg/mL;

For flow cytometry: 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.

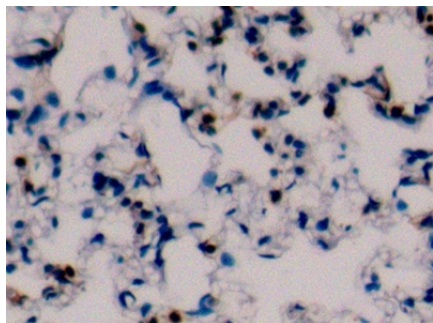
Store at 4°C for frequent use.

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

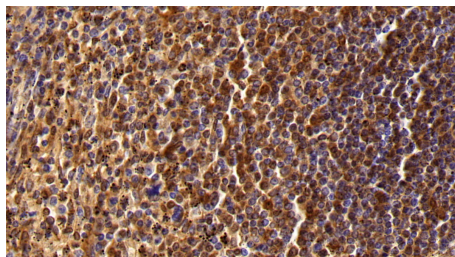
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

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

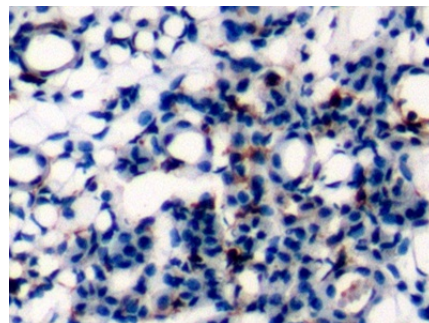
[IDENTIFICATION]



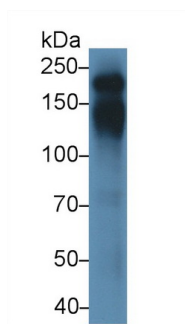
DAB staining on IHC-P; Samples: Mouse Lung Tissue; Primary Ab: 10µg/ml Rabbit Anti-Mouse PTPRC Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



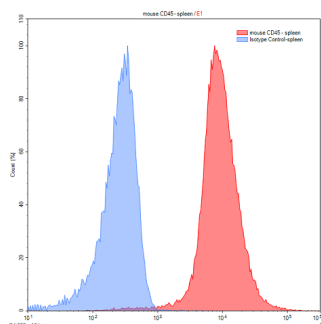
DAB staining on IHC-P; Sample: Human Spleen Tissue; Primary Ab: 20µg/ml Rabbit Anti-Mouse PTPRC Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 10µg/ml Rabbit Anti-Mouse PTPRC Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Mouse Thymus lysate; Primary Ab: 4ug/ml Rabbit Anti-Mouse PTPRC Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



mouse spleen cell was stained with rabbit Anti-mouse CD45 Polyclonal Antibody (Catalog # PAB030Mu01, filled red histogram) or Isotype control antibody (Catalog # IS067-Rb01, filled blue histogram), followed by CY5-conjugated Anti-rabbit IgG Secondary Antibody (Catalog # SAA544Rb11).

[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.