PAB369Mu01

Polyclonal Antibody to Cluster Of Differentiation 74 (CD74)

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: 1mg/mL

UOM: 1mg(1mL)

Cross Reactivity: Rat

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant CD74 (Leu64~Val205) expressed in *E.coli*

Accession No.: RPB369Mu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-30μg/mL;

Immunocytochemistry: 5-30μg/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 4ºC for frequent use.

Aliquot and store at -20ºC 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]

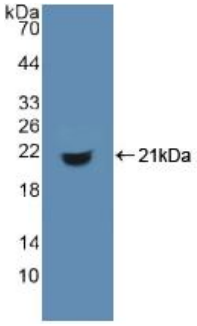
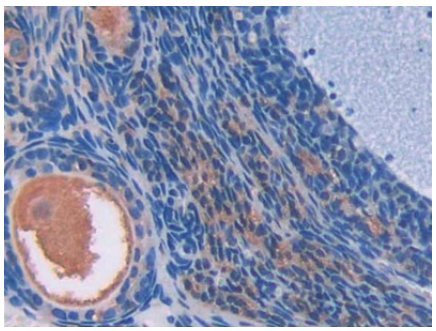
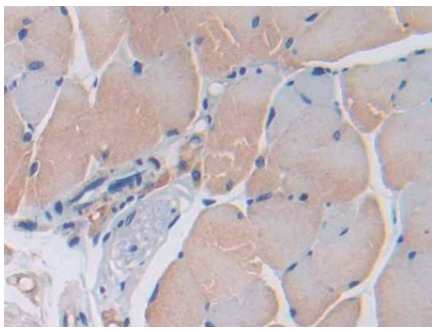


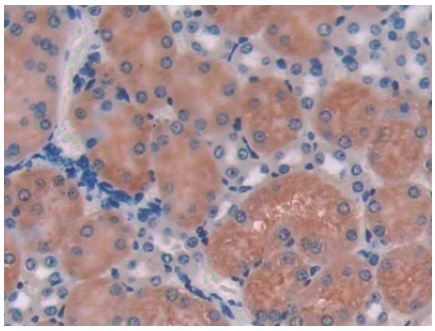
Figure. Western Blot; Sample: Recombinant MHCDG, Human.



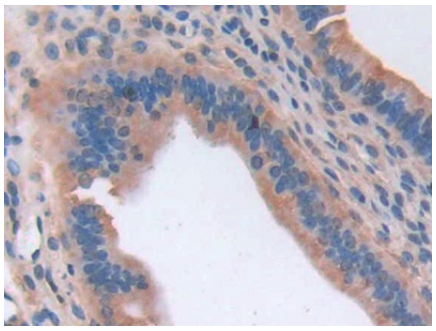
DAB staining on IHC-P; Samples: Mouse Ovary Tissue; Primary Ab: 30µg/ml Rabbit Anti-Mouse MHCDG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



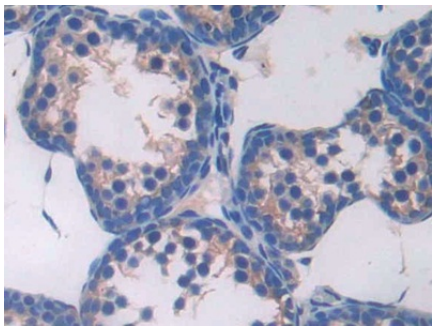
DAB staining on IHC-P; Samples: Mouse Skeletal muscle Tissue; Primary Ab: 30µg/ml Rabbit Anti-Mouse MHCDG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



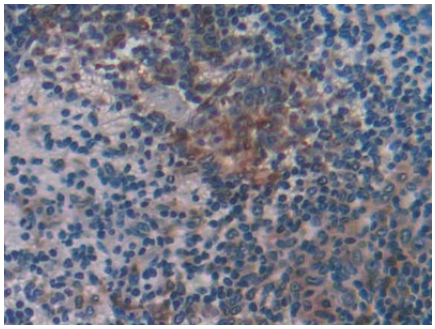
DAB staining on IHC-P; Samples: Mouse Kidney Tissue; Primary Ab: 30µg/ml Rabbit Anti-Mouse MHCDG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



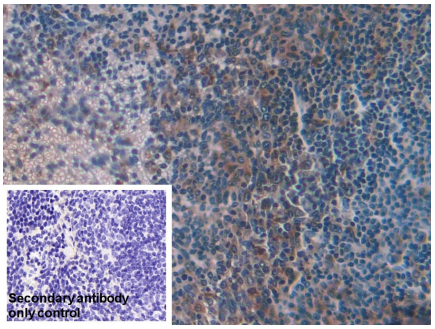
DAB staining on IHC-P; Samples: Mouse Uterus Tissue; Primary Ab: 30µg/ml Rabbit Anti-Mouse MHCDG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



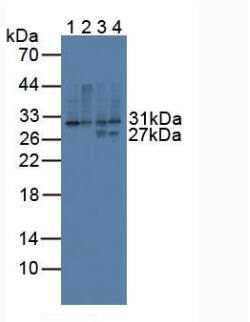
DAB staining on IHC-P; Samples: Mouse Testis Tissue; Primary Ab: 30µg/ml Rabbit Anti-Mouse MHCDG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P;
Samples: Mouse Spleen Tissue;
Primary Ab: 30µg/ml Rabbit Anti-Mouse MHCDG Antibody
Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



DAB staining on IHC-P;
Sample: Mouse Spleen Tissue
Primary Ab: 30µg/ml Rabbit Anti-Mouse CD74 Antibody
Control: Used PBS instead of primary antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Samples: Lane1: Mouse Spleen lysate; Lane2: Mouse Thymus lysate; Lane3: Mouse Lymph node lysate; Lane4: Rat Spleen lysate;
Primary Ab: 2µg/ml Rabbit Anti-Mouse CD74 Antibody
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(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.