

MAB810Hu22

Monoclonal Antibody to Vitamin D Binding Protein (DBP)

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: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C4

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Cross Reactivity: Rat

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant DBP (Leu209~Asp401) expressed in E.coli

Accession No.: RPB810Hu02

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 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 4°C for frequent use.

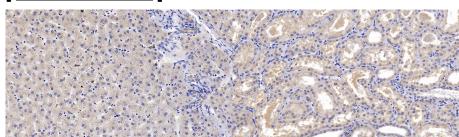
Aliquot and store at -20°C for 24 months.

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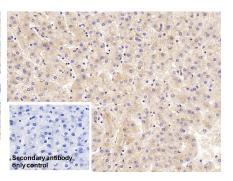
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]



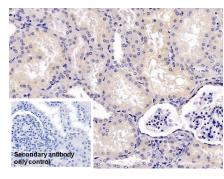
DAB staining on IHC-P; Sample: Human Liver Tissue; Primary Ab: 10µg/ml Mouse Anti-Human DBP Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

DAB staining on IHC-P; Sample: Human Kidney Tissue; Primary Ab: 10µg/ml Mouse Anti-**Human DBP Antibody** Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



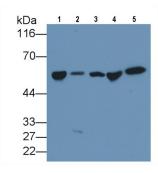
DAB staining on IHC-P;

Sample: Human Liver Tissue Primary Ab: 10µg/ml Mouse Anti-Human DBP Antibody Control: Used PBS instead of primary antibody Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Human Kidney Tissue Primary Ab: 10µg/ml Mouse Anti-**Human DBP Antibody** antibody

Second Ab: 2µg/ml HRP-Linked



Western Blot; Sample: Lane1: Human Serum; Lane2: Human Lung lysate; Lane3: Human Placenta lysate; Lane4: Human Plasma; Lane5: Rat Plasma Control: Used PBS instead of primary Primary Ab: 3µg/ml Mouse Anti-Human **DBP** Antibody Second Ab: 0.2µg/mL HRP-Linked



Caprine Anti-Mouse IgG Polyclonal

Caprine Anti-Mouse IgG Polyclonal

Antibody

Antibody

(Catalog: SAA544Mu19)

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[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.