

MAA028Hu22

Monoclonal Antibody to Erythropoietin (EPO)

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: C3

Traits: Liquid

Concentration: 1mg/ml

UOM: 100µl

Cross Reactivity: N/A

Applications: WB,IHC

[IMMUNOGEN]

Immunogen: Recombinant EPO (Ala28~Arg193) expressed in 293F cell

Accession No.: EPA028Hu61

[APPLICATIONS]

Western blotting: 0.01-2µg/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.

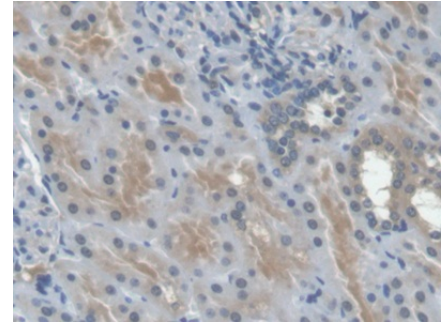
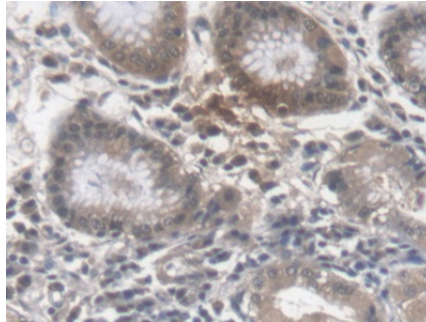
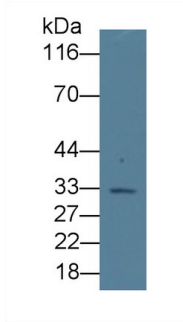
Store at 4°C for frequent use.

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

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

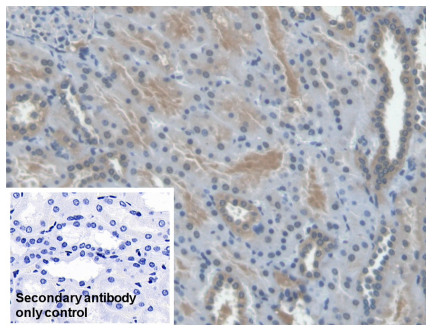
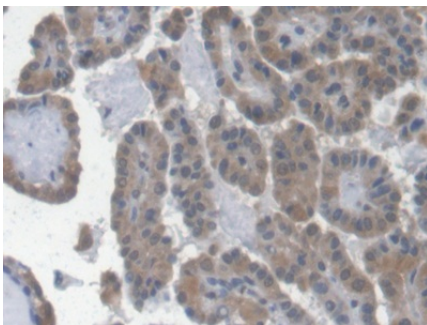
[IDENTIFICATION]



Western Blot; Sample: Rat Liver lysate;
 Primary Ab: 5µg/ml Mouse Anti-Human
 EPO Antibody Second Ab:
 0.2µg/mL HRP-Linked Caprine Anti-
 Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)

DAB staining on IHC-P; Samples:
 Human Stomach Tissue; Primary Ab:
 30µg/ml Mouse Anti-Human EPO
 Antibody Second Ab: 2µg/mL HRP-
 Linked Caprine Anti-Mouse IgG
 Polyclonal Antibody (Catalog:
 SAA544Mu19)

DAB staining on IHC-P;
 Samples: Human Kidney Tissue;
 Primary Ab: 30µg/ml Mouse Anti-
 Human EPO Antibody
 Second Ab: 2µg/mL HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody
 (Catalog: SAA544Mu19)



DAB staining on IHC-P;
 Samples: Human Thyroid cancer
 Tissue;
 Primary Ab: 30µg/ml Mouse Anti-
 Human EPO 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: 30µg/ml Mouse Anti-
 Human EPO Antibody
 Control: Used PBS instead of primary
 antibody
 Second Ab: 2µg/ml HRP-Linked
 Caprine Anti-Mouse IgG Polyclonal
 Antibody

(Catalog: SAA544Mu19)

[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.