

MAA164Mi21

Monoclonal Antibody to Ubiquitin (Ub)

Organism Species: *Homo sapiens* (Human), *Mus musculus* (Mouse), *Rattus norvegicus* (Rat), *Cavia* (Guinea pig), *Rhesus monkey* (Simian), *Canis familiaris*; *Canine* (Dog), *Sus scrofa*; *Porcine* (Pig), *Bos taurus*; *Bovine* (Cattle), *Ovis aries*; *Ovine* (Sheep), *Equus caballus*; *Equine* (Horse), *Chicken* (*Gallus*)

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: E7

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Cross Reactivity: N/A

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant Ubiquitin (Met1~Cys229) expressed in *E.coli*

Accession No.: RPA164Mi02

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-40µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

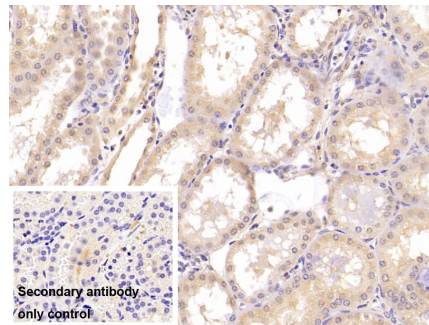
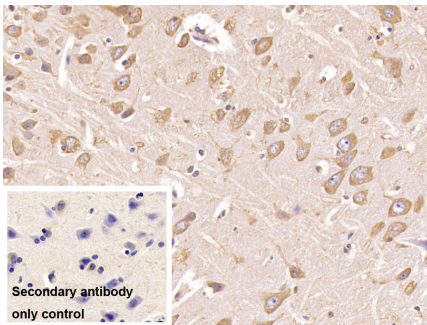
Store at 4°C for frequent use.

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; Sample: Porcine Cerebrum Tissue
 Primary Ab: 40µg/ml Mouse Anti-Multi-species Ub
 Antibody Control: Used PBS instead of primary antibody
 Second Ab: 2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

DAB staining on IHC-P; Sample: Porcine Kidney Tissue
 Primary Ab: 40µg/ml Mouse Anti-Multi-species Ub Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2?g/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.