

MAA164Hu21

Monoclonal Antibody to Ubiquitin (Ub)

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: D5

Traits: Liquid

Concentration: 1mg/mL

UOM: 50µL

Cross Reactivity: Rat;Porcine

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

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

Accession No.: RPA164Hu02

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/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.

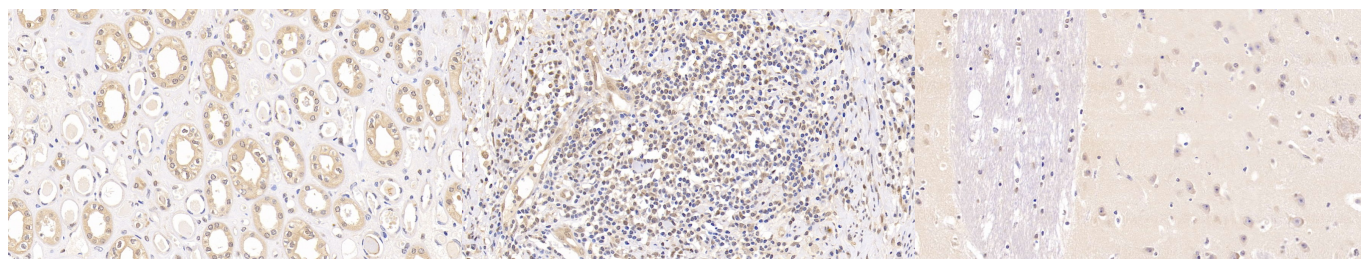
Store at 4°C for frequent use.

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.

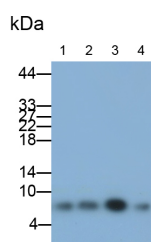
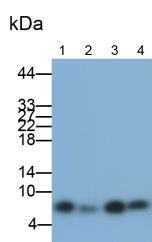
[IDENTIFICATION]



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

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

DAB staining on IHC-P;
Samples: Human Cerebrum Tissue;
Primary Ab: 20µg/ml Mouse Anti-
Human Ub Antibody
Second Ab: 2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



Western Blot; Samples: Lane1: Rat
Cerebrum lysate; Lane2: Rat Liver
lysate; Lane3: Rat Kidney lysate;
Lane4: Porcine Cerebrum lysate;
Primary Ab: 1µg/ml Mouse Anti-Human
Ub Antibody

Second Ab: 0.2?g/ml HRP-Linked
Caprine Anti-Mouse IgG Polyclonal

Western Blot; Samples: Lane1: Porcine
Liver lysate; Lane2: Porcine Kidney
lysate; Lane3: MCF7 cell lysate; Lane4:
MDA-MB-435S cell lysate;
Primary Ab: 1µg/ml Mouse Anti-Human
Ub Antibody

Second Ab: 0.2?g/ml HRP-Linked
Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)

Antibody

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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.