MAB180Hu23

Monoclonal Antibody to Clusterin (CLU)

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: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Clone number: 3#

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Porcine

Applications: WB; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant CLU (Ser228~Glu449) expressed in *E.coli*

Accession No.: RPB180Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunofluorescence: 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.

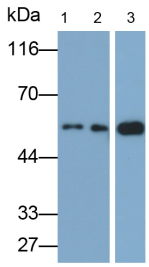
Store at 4ºC for frequent use.

Aliquot and store at -20ºC for 24 months.

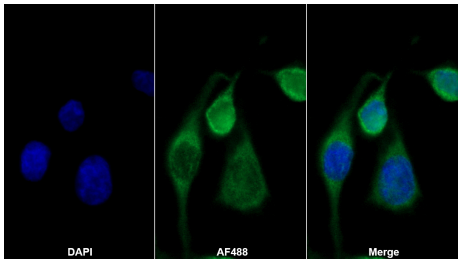
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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]



Western Blot; Samples: Lane1: Porcine Eye lysate; Lane2: Porcine Testis lysate; Lane3: WERI-Rb-1 cell lysate; Primary Ab: 0.2µg/ml Mouse Anti-Human CLU Antibody
Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu19)



AF488 staining on IF;
Sample: Hela cell
Primary Ab: 20µg/ml Mouse Anti-Human CLU Antibody
Second Ab: 2µg/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
(Catalog: SAA544Mu11)

[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.