

MAB231Hu25

Monoclonal Antibody to Cytokeratin 18 (CK18)

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: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C2

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: N/A

Applications: WB; FCM

[IMMUNOGEN]

Immunogen: Recombinant CK18 (Asp238~Leu396) expressed in *E.coli*

Accession No.: RPB231Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Flow cytometry: 10μg/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.

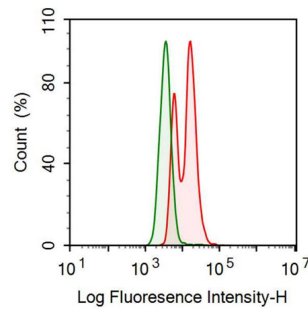
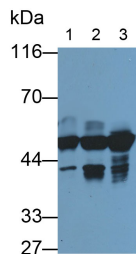
Store at 4°C for frequent use.

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]



Western Blot; Samples: Lane1: Human Placenta lysate; Lane2: Human Liver lysate; Lane3: A431 cell lysate; Primary Ab: 2μg/ml Mouse Anti-Human CK18 Antibody Second Ab: 0.2?g/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

Human MCF7 cell line was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100,then stained with 10μg/ml mouse Anti-human CK18 Monoclonal Antibody (Catalog MAB231Hu25, red histogram) or Isotype control antibody (Catalog IS067-Mu03, green histogram), followed by 1μg/ml FITC-conjugated Anti-mouse IgG Secondary Antibody (Catalog SAA544Mu18).

[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.