

MAB239Hu21

Monoclonal Antibody to Cytokeratin 19 (CK19)

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: D1

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: N/A

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant CK19 (Tyr127~Asp322) expressed in *E.coli*

Accession No.: RPB239Hu02

[APPLICATIONS]

Western blotting: 0.01-3μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 5-40μg/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.

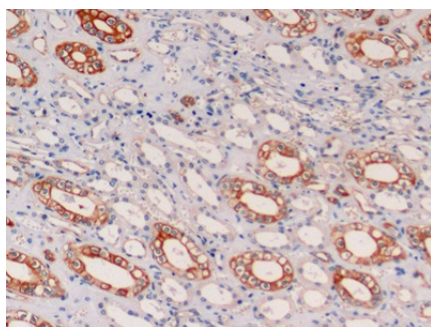
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

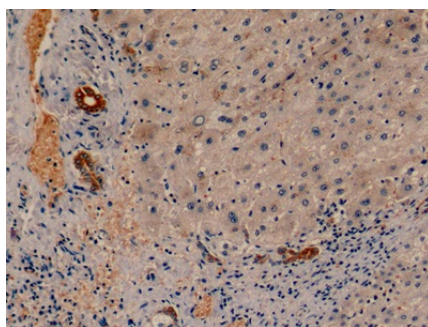
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

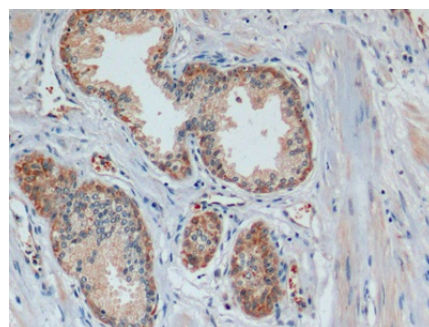
[IDENTIFICATION]



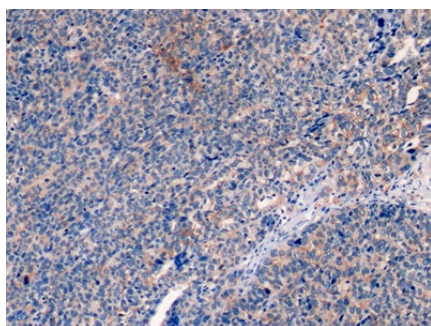
DAB staining on IHC-P; Sample: Human Kidney Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



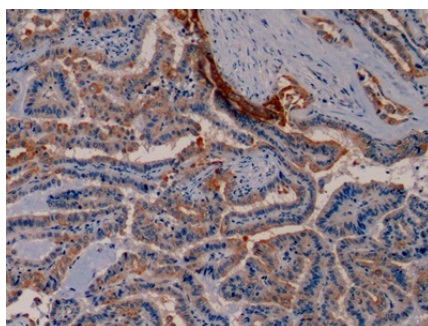
DAB staining on IHC-P; Sample: Human Liver Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



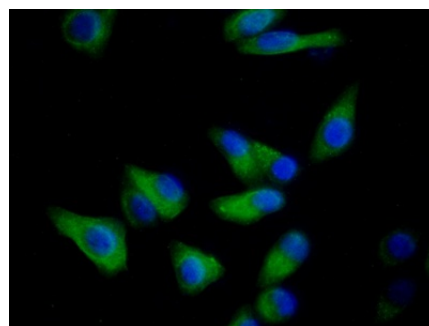
DAB staining on IHC-P; Sample: Human Prostate Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Sample: Human Ovarian cancer Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

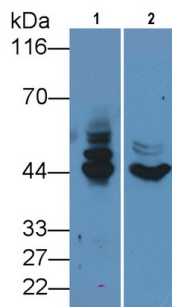


DAB staining on IHC-P; Sample: Human Thyroid cancer Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



FITC staining on IF; Samples: Human MCF7 Cells; Primary Ab: 40µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 1µg/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu18)

(Catalog: SAA544Mu19)

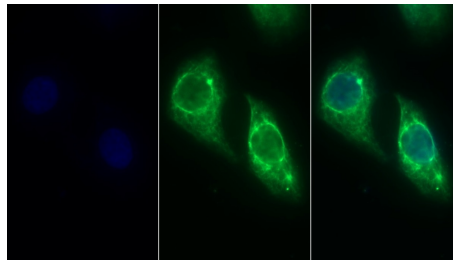


Western Blot; Sample: Lane1: Human Placenta lysate; Lane2: MCF7 cell lysate

Primary Ab: 3?g/ml Mouse Anti-Human KRT19 Antibody

Second Ab: 0.2μg/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



FITC staining on IF;

Sample: Human Hela cell;
Primary Ab: 30ug/ml Mouse Anti-Human CK19 Antibody
Second Ab: 2μg/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal 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.