

MAB239Hu22

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: C1

Traits: Liquid

Concentration: 0.76mg/mL

UOM: 100μL

Cross Reactivity: Rat;Rabbit;Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

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

Accession No.: RPB239Hu02

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-30μg/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.

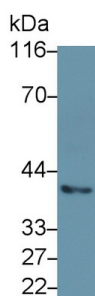
Store at 4°C for frequent use.

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

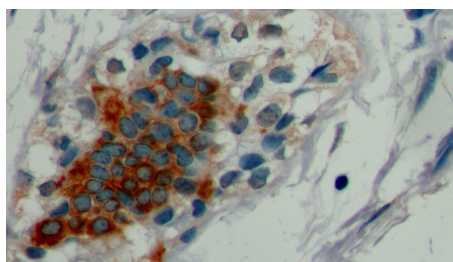
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

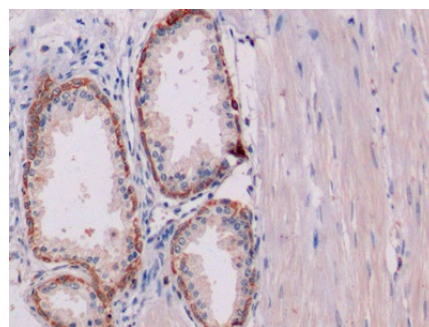
[IDENTIFICATION]



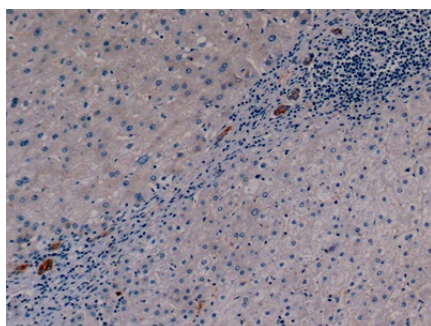
Western Blot; Sample: Rat Skin lysate
Primary Ab: 0.2µg/ml Mouse Anti-Human CK19 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



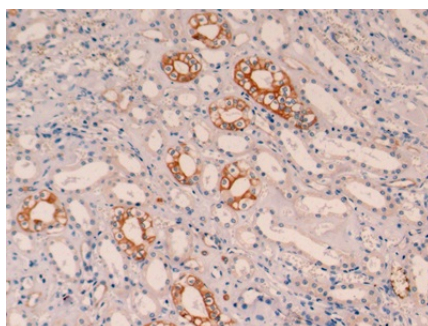
DAB staining on IHC-P; Samples: Human Breast cancer Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



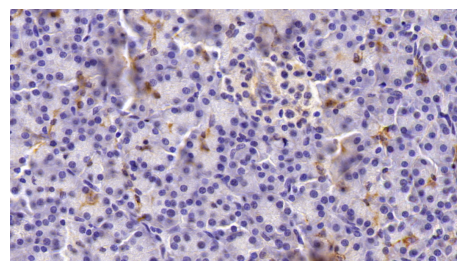
DAB staining on IHC-P; Samples: Human Prostate Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



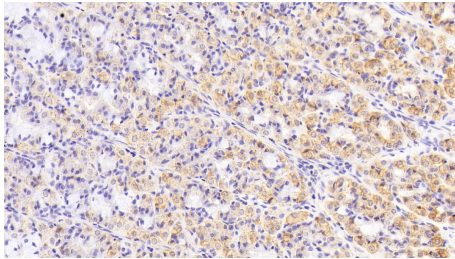
DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 10µg/ml Mouse Anti-Human KRT19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Samples: 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: Porcine Pancreas Tissue; Primary Ab: 30ug/ml Mouse Anti-Human CK19 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Porcine Stomach Tissue;

Primary Ab: 30ug/ml Mouse Anti-

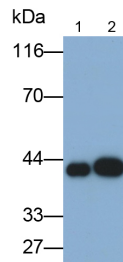
Human CK19 Antibody

Second Ab: 2μg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)



Western Blot; Samples: Lane1: Human

Placenta lysate; Lane2: Human Lung

lysate;

Primary Ab: 0.3μg/ml Mouse Anti-

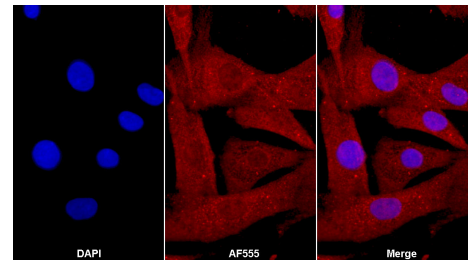
Human CK19 Antibody

Second Ab: 0.2μg/ml HRP-Linked

Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)



Cy3 staining on IF;

Sample: Primary Rabbit Neonatal

Epidermal Keratinocytes cell

Primary Ab: 20μg/ml Mouse Anti-

Human CK19 Antibody

Second Ab: 2μg/ml Cy3-Linked Caprine

Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu16)

[**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.