

PAC025Hu01

Polyclonal Antibody to Cytokeratin 8 (CK8)

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: Polyclonal antibody preparation

Host: Rabbit

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

Traits: Liquid

Concentration: 0.5mg/mL

UOM: 100µl

Cross Reactivity:

Applications: WB,IHC,ICC/IF; FCM

[IMMUNOGEN]

Immunogen: Recombinant CK8 (Lys92~Lys393) expressed in *E.coli*

Accession No.: RPC025Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Flow cytometry:20µg/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]

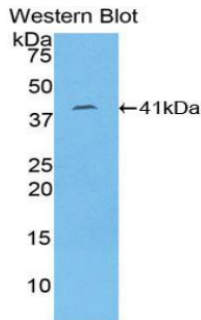
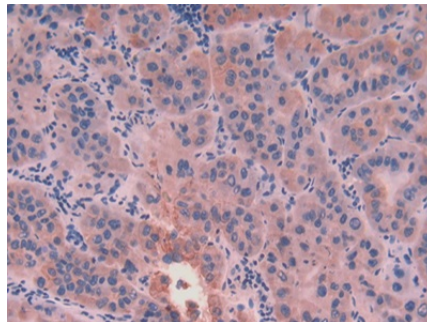
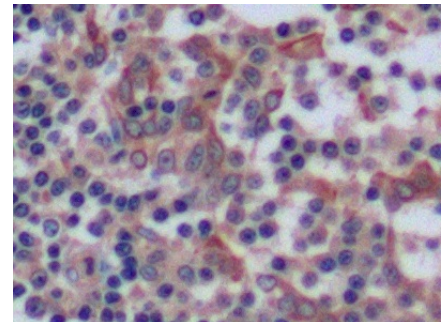


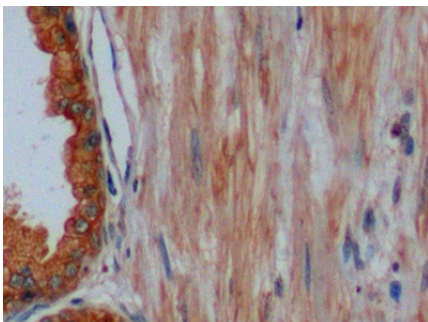
Figure. Western Blot; Sample: Recombinant CK8, Human.



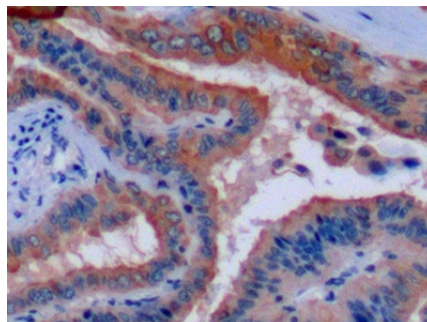
DAB staining on IHC-P; Samples: Human Liver cancer Tissue; Primary Ab: 20µg/ml Rabbit Anti-Human CK8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



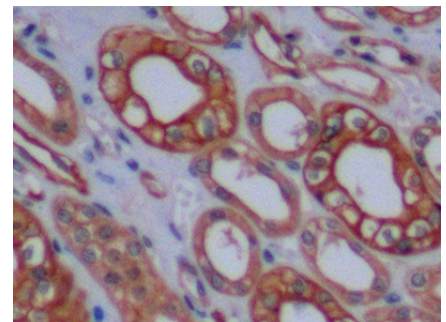
DAB staining on IHC-P; Samples: Human Tonsil Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human KRT8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Samples: Human Prostate Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human KRT8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

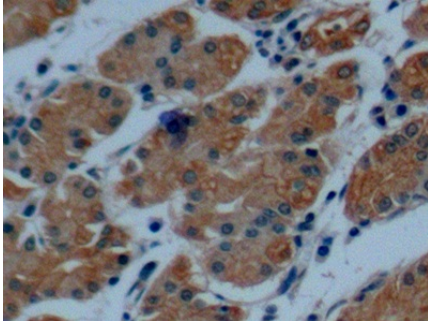


DAB staining on IHC-P; Samples: Human Thyroid cancer Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human KRT8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal



DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 10µg/ml Rabbit Anti-Human KRT8 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)



DAB staining on IHC-P;

Samples: Human Stomach Tissue;

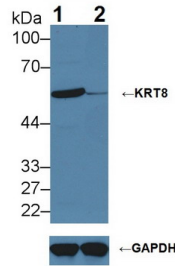
Primary Ab: 10µg/ml Rabbit Anti-Human KRT8 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

Antibody

(Catalog: SAA544Rb19)



Knockout Varification:

Lane 1: Wild-type HeLa cell lysate;

Lane 2: KRT8 knockout HeLa cell lysate;

Predicted MW: 54,57kDa

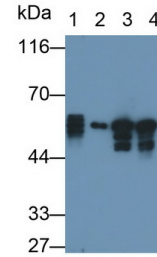
Observed MW: 57kDa

Primary Ab: 2µg/ml Rabbit Anti-Human KRT8 Antibody

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

(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: A431 cell

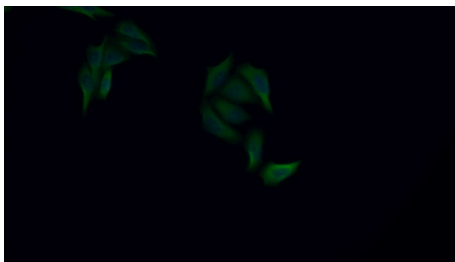
lysate; Lane2: A549 cell lysate; Lane3:

HeLa cell lysate; Lane4: MCF7 cell lysate

Primary Ab: 0.05µg/ml Rabbit Anti-Human CK8 Antibody

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

(Catalog: SAA544Rb19)



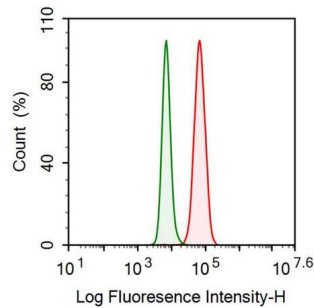
FITC staining on IF;

Samples: Human MCF7 cell;

Primary Ab: 20µg/ml Rabbit Anti-Human KRT8 Antibody

Second Ab: 1.5µg/ml FITC-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb18)



Human MCF7 cell was fixed with 2% paraformaldehyde (10 min) ,

permeabilised with 0.2% BSA-Triton

X-100, then stained with 20µg/ml rabbit

Anti-human CK8 Polyclonal Antibody

(Catalog PAC025Hu01, red histogram)

or Isotype control antibody (Catalog

IS067-Rb01, green histogram), followed
by 1 µg/ml FITC-conjugated Anti-rabbit
IgG Secondary Antibody (Catalog
SAA544Rb18).

[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.