

MAA665Mi21

Monoclonal Antibody to Cross Linked C-Telopeptide Of Type I Collagen (CTXI)

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: Human

Applications: IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Synthetic Peptide, CTXI conjugated to KLH. Target peptide sequence: EKAHDGGRYYRA.

Accession No.: CPA665Mi31

[APPLICATIONS]

Immunohistochemistry: 5-20μg/mL;

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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.

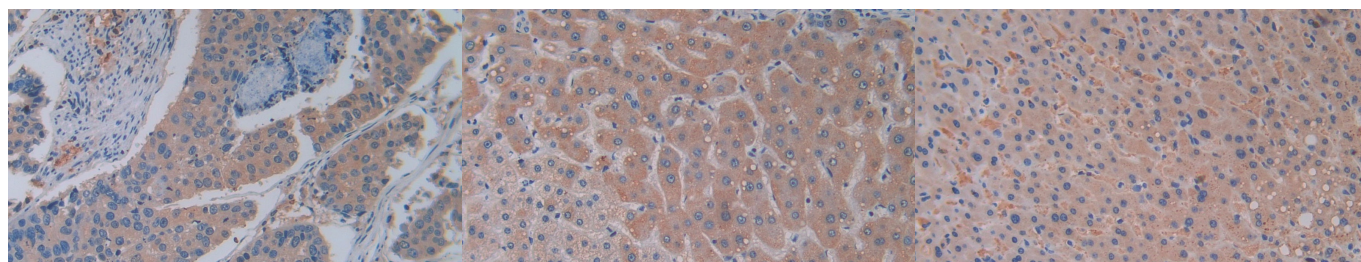
Store at 4°C for frequent use.

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

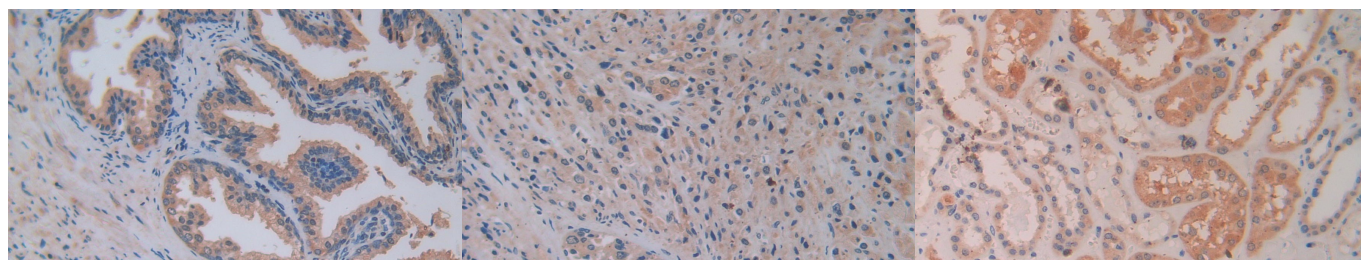
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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.

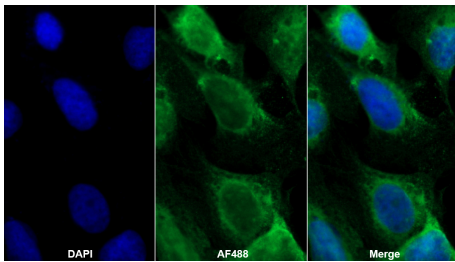
[IDENTIFICATION]



DAB staining on IHC-P; Samples: Human Lung cancer Tissue; Primary Ab: 20µg/ml Mouse Anti-Multi-species CTXI 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: 20µg/ml Mouse Anti-Multi- species CTXI Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)	DAB staining on IHC-P; Samples: Human Liver cancer Tissue; Primary Ab: 20µg/ml Mouse Anti-Multi- species CTXI Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)
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DAB staining on IHC-P; Samples: Human Prostate Tissue; Primary Ab: 20µg/ml Mouse Anti-Multi- species CTXI Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)	DAB staining on IHC-P; Samples: Human Prostate cancer Tissue; Primary Ab: 20µg/ml Mouse Anti-Multi- species CTXI 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: 20µg/ml Mouse Anti-Multi- species CTXI Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)
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AF488 staining on IF;

Sample: U2OS cell

Primary Ab: 20µg/ml Mouse Anti-Multi-species CTXI Antibody

Second Ab: 2?g/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.