

Cytokeratin 18 antibody [N3C3]

Cat. No. GTX112978

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Wm
Reactivity	Human, Mouse, Zebrafish, Dog

Reference (1)

Package

100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Wm	Assay dependent

Not tested in other applications.

Calculated MW 48 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human Cytokeratin 18. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

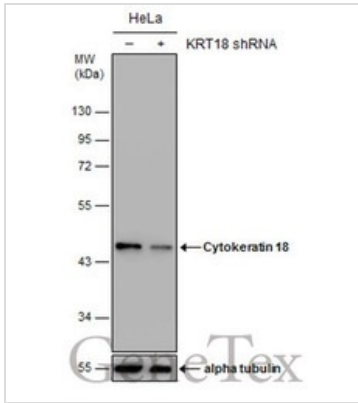


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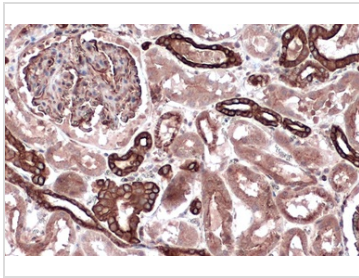
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Note

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DATA IMAGES

GTx112978 WB Image

Non-transfected (–) and transfected (+) HeLa whole cell extracts (15 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 18 antibody [N3C3] (GTx112978) diluted at 1:8000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

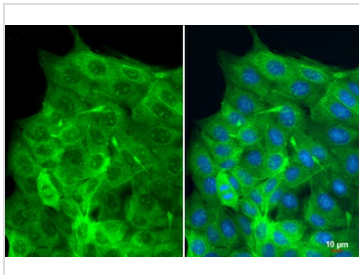

GTx112978 IHC-P Image

Cytokeratin 18 antibody detects Cytokeratin 18 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded dog kidney.

Cytokeratin 18 stained by Cytokeratin 18 antibody (GTx112978) diluted at 1:500.

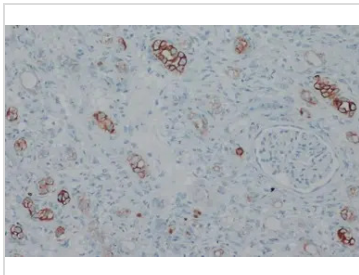
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTx112978 ICC/IF Image

Cytokeratin 18 antibody detects Cytokeratin 18 protein at cytoplasm and nucleus by immunofluorescent analysis.

Sample: MDCK cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Cytokeratin 18 stained by Cytokeratin 18 antibody (GTx112978) diluted at 1:500.


GTx112978 IHC-P Image

Cytokeratin 18 antibody detects Cytokeratin 18 protein at cytoskeleton by immunohistochemical analysis.

Sample: Paraffin-embedded dog malignant nephroblastoma.

Cytokeratin 18 stained by Cytokeratin 18 antibody (GTx112978) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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