

## Cytokeratin 2 antibody [N2C2], Internal

Cat. No. GTX102758

|                     |                   |
|---------------------|-------------------|
| <b>Host</b>         | Rabbit            |
| <b>Clonality</b>    | Polyclonal        |
| <b>Isotype</b>      | IgG               |
| <b>Applications</b> | WB, ICC/IF, IHC-P |
| <b>Reactivity</b>   | Human, Dog        |

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |

Not tested in other applications.

Calculated MW 65 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | 0.1M Tris, 0.1M Glycine, 10% Glycerol                                                                                                                                                                                      |
| <b>Preservative</b>  | 0.01% Thimerosal                                                                                                                                                                                                           |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | 0.67 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                |
| <b>Immunogen</b>     | Recombinant protein encompassing a sequence within the center region of human Cytokeratin 2. The exact sequence is proprietary.                                                                                            |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

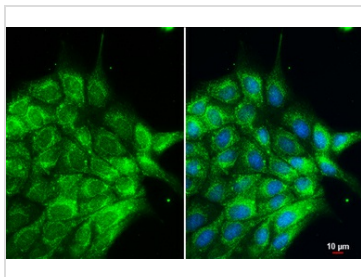
## Note

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## DATA IMAGES

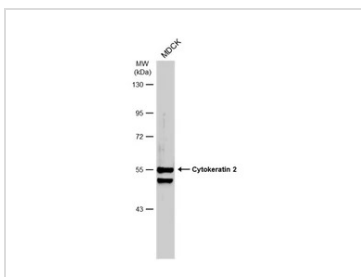


### GTx102758 ICC/IF Image

Cytokeratin 2 antibody detects Cytokeratin 2 protein at cytoplasm by immunofluorescent analysis.

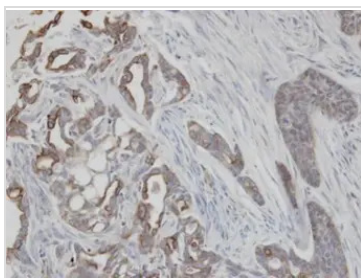
Sample: MDCK cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Cytokeratin 2 stained by Cytokeratin 2 antibody (GTx102758) diluted at 1:500.



### GTx102758 WB Image

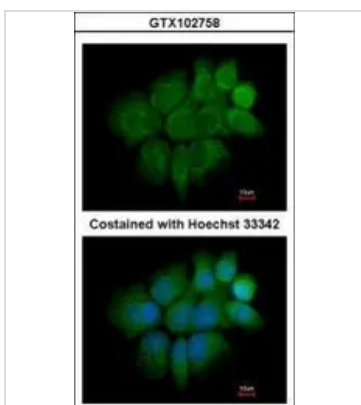
Whole cell extract (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Cytokeratin 2 antibody (GTx102758) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



### GTx102758 IHC-P Image

Immunohistochemical analysis of paraffin-embedded H661 xenograft, using KRT2(GTx102758) antibody at 1:100 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



### GTx102758 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed A431, using Cytokeratin 2(GTx102758) antibody at 1:200 dilution.



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