

# Cytokeratin 7 antibody [N1C2]

**Cat. No. GTX109723**

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

References ( 7 )

Package

100 µl, 25 µl

## Applications

### Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:5000-1:20000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |
| IHC-Fr             | 1:100-1:1000         |

Not tested in other applications.

**Calculated MW** 51 kDa. ( [Note](#) )

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 20% Glycerol  |
| <b>Preservative</b>  | 0.025% ProClin 300   |
| <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> | 0.76 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 7. The exact sequence is proprietary.  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | Unconjugated   |

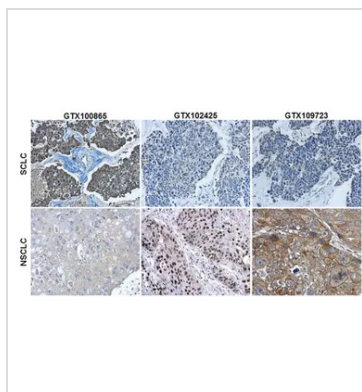


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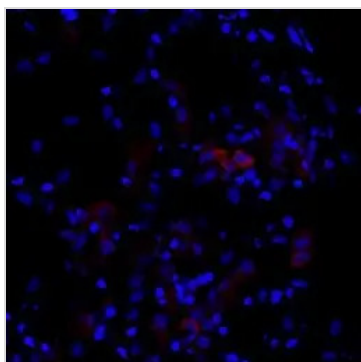
**DATA IMAGES**

**GTX109723 IHC-P Image**

Immunohistochemical characterization of Synaptophysin (GTX100865), p63 (GTX102425) and Cytokeratin 7 (GTX109723) in human small cell lung cancer (SCLC) and non-small cell lung cancer (NSCLC) specimens.

Sample: Paraffin-embedded human SCLC (upper panel) and NSCLC (lower panel).

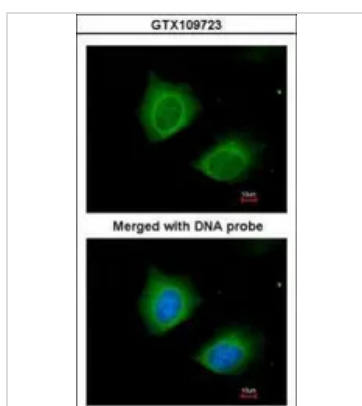
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 15 mins. The section was then incubated with primary antibody at 1:500 overnight at 4°C and detected using an HRP conjugated avidin-biotin-peroxidase Complex system. DAB was used as the chromogen and counterstained with haematoxylin.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX109723 IHC-Fr Image**

Immunohistochemical analysis of human placenta (paraformaldehyde-fixed frozen sections), using Cytokeratin 7(GTX109723) antibody at 1:200 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX109723 ICC/IF Image**

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Cytokeratin 7(GTX109723) antibody at 1:200 dilution.



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