

Cytokeratin 7 antibody [N1C2]

Cat. No. GTX109723

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	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	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	0.76 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 7. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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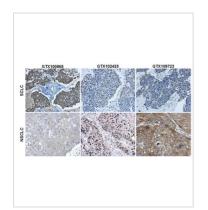


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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

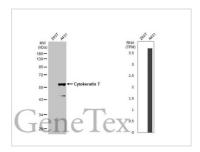


GTX109723 IHC-P Image

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).

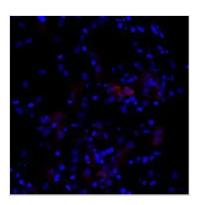
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 15 mins. The section was then incubated with primary antibody at 1:500 overnight at 4°C and detected using an HRP conjugated avidin-biotin-peroxidase Complex system. DAB was used as the chromogen and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

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX109723 WB Image

Various whole cell extracts (30 μ g) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 7 antibody [N1C2] (GTX109723) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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



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