

Product Datasheet

Cytokeratin 7 Antibody NBP1-33104

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-33104**Cytokeratin 7 Antibody**

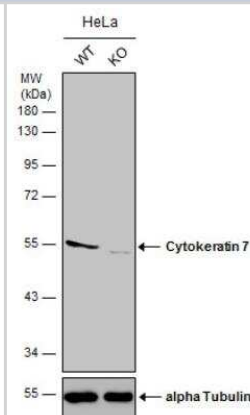
| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.025% Proclin 300 |
| Isotype | IgG |
| Purity | Antigen Affinity-purified |
| Buffer | PBS (pH 7), 20% Glycerol, 1% BSA |
| Target Molecular Weight | 51 kDa |

| Product Description | |
|-------------------------|--|
| Description | Novus Biologicals Knockout (KO) Validated Rabbit Cytokeratin 7 Antibody (NBP1-33104) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 3855 |
| Gene Symbol | KRT7 |
| Species | Human |
| Reactivity Notes | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (88%), Rhesus Macaque, Bovine (89%). |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human Cytokeratin 7. The exact sequence is proprietary. |

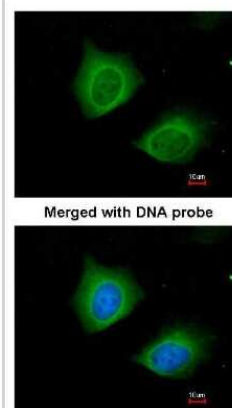
| Product Application Details | |
|------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Knockout Validated |
| Recommended Dilutions | Western Blot 1:5000-1:20000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Knockout Validated |

Images

Western Blot: Cytokeratin 7 Antibody [NBP1-33104] - Wild-type (WT) and Cytokeratin 7 knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 7 antibody [N1C2]. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



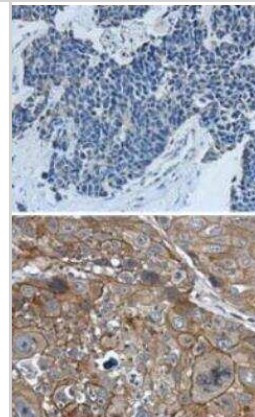
Immunocytochemistry/Immunofluorescence: Cytokeratin 7 Antibody [NBP1-33104] - Analysis of paraformaldehyde-fixed HeLa, using Cytokeratin.



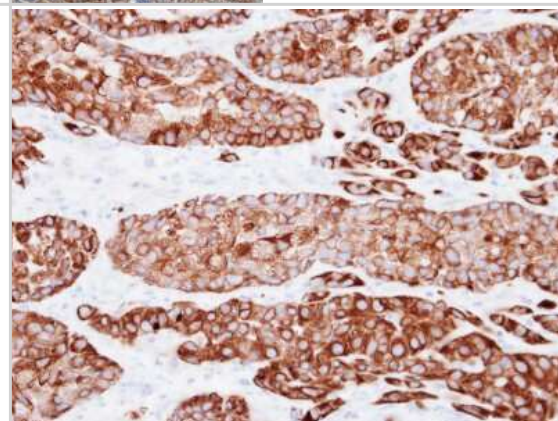
Immunohistochemistry: Cytokeratin 7 Antibody [NBP1-33104] - Immunohistochemical characterization of cytokeratin 7 in human small cell lung cancer (SCLC) and non-small cell lung cancer (NSCLC) specimens.

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

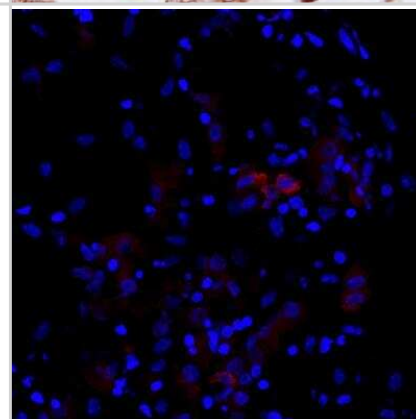
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 15 mins. The section was then incubated with primary antibody overnight at 4C and detected using an HRP conjugated avidin-biotin-peroxidase Complex system. DAB was used as the chromogen and counterstained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



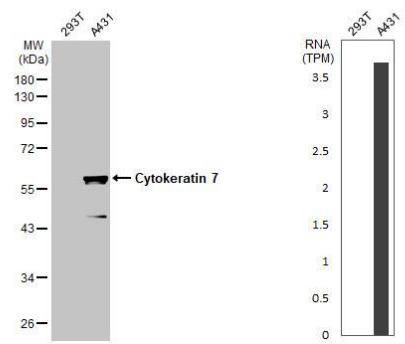
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody [NBP1-33104] - Paraffin-embedded A549 xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Frozen: Cytokeratin 7 Antibody [NBP1-33104] - Analysis of human placenta (paraformaldehyde-fixed frozen sections), using antibody at 1:200 dilution.



Western Blot: Cytokeratin 7 Antibody [NBP1-33104] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Cytokeratin 7 antibody [N1C2] diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-33104

| | |
|--------------------|--|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00003855-P01-10ug | Recombinant Human Cytokeratin 7 GST (N-Term) Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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