

# Novocastra™ Liquid Mouse Monoclonal Antibody Cytokeratin 14

**Product Code: NCL-L-LL002**

<b>Intended Use</b>	FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.
<b>Specificity</b>	Human cytokeratin 14 intermediate filament protein.
<b>Clone</b>	LL002
<b>Ig Class</b>	IgG3
<b>Antigen Used for Immunizations</b>	Synthetic peptide corresponding to the extreme C-terminal of human cytokeratin 14 (last 15 amino acids) conjugated to thyroglobulin.
<b>Hybridoma Partner</b>	Mouse myeloma (p3-NS1-Ag4-1).
<b>Preparation</b>	Liquid tissue culture supernatant containing sodium azide. Volume as indicated on vial label.
<b>Effective on Frozen Tissue</b>	Yes
<b>Effective on Paraffin Wax Embedded Tissue</b>	Yes
<b>Recommendations on Use</b>	Immunohistochemistry on paraffin sections. <b>Heat Induced Epitope Retrieval (HIER):</b> Please follow the instructions for use in Novocastra Epitope Retrieval Solution pH 6. <b>Suggested dilution:</b> 1:40 for 30 minutes at 25 °C. This is provided as a guide and users should determine their own optimal working dilutions. <b>Visualization:</b> Please follow the instructions for use in the Novolink™ Polymer Detection Systems. For further product information or support, contact your local distributor or regional office of Leica Biosystems, or alternatively, visit the Leica Biosystems' Web site, <a href="http://www.LeicaBiosystems.com">www.LeicaBiosystems.com</a> <u>The performance of this antibody should be validated when utilized with other manual staining systems or automated platforms.</u> <b>Western Blotting:</b> Not evaluated.
<b>Positive Controls</b>	Immunohistochemistry: Skin
<b>Staining Pattern</b>	Cytoplasmic
<b>Storage and Stability</b>	Store liquid antibody at 2-8 °C. Under these conditions, there is no significant loss in product performance up to the expiry date indicated on the vial label. Prepare working dilutions on the day of use.
<b>Warnings and Precautions</b>	This reagent has been prepared from the supernatant of cell culture. As it is a biological product, reasonable care should be taken when handling it. This reagent contains sodium azide. A Material Safety Data Sheet is available upon request or available from <a href="http://www.LeicaBiosystems.com">www.LeicaBiosystems.com</a>
<b>General Overview</b>	NCL-L-LL002 reacts with the human cytokeratin intermediate filament protein, identified as cytokeratin 14. Cytokeratins 14 and 5 are useful to distinguish stratifying epithelial cell types from simple epithelial cell types.





**B I O S Y S T E M S**

**General References**

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