

# Novocastra™ Liquid Mouse Monoclonal Antibody Vimentin

**Product Code: NCL-L-VIM-V9**

<b>Intended Use</b>	FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.
<b>Specificity</b>	Human vimentin intermediate filament.
<b>Clone</b>	V9
<b>Ig Class</b>	IgG1
<b>Antigen Used for Immunizations</b>	Purified vimentin from porcine eye lens.
<b>Hybridoma Partner</b>	Mouse myeloma (PAI).
<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> 1:800 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> 1:25–1:50
<b>Positive Controls</b>	Immunohistochemistry: reactive lymph node. Western Blotting: skin.
<b>Staining Pattern</b>	Cytoplasmic.
<b>Storage and Stability</b>	Store at 2–8 °C. Do not freeze. Return to 2–8 °C immediately after use. Do not use after expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user.
<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 I O S Y S T E M S**

## **General Overview**

Vimentin is an intermediate filament protein (57 kD) present in cells of mesenchymal origin. In normal tissues, cell types which express vimentin include endothelial cells, fibroblasts, smooth muscle cells and lymphoid cells.

## **General References**

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