Novocastra™ Liquid Mouse Monoclonal Antibody CD45

Product Code: NCL-L-LCA

Intended Use
FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

Specificity
Human CD45 antigen.

Clone
X16/99

Ig Class
IgG1

Antigen Used for Immunizations
Peripheral blood cells from a patient with T cell lymphoma.

Hybridoma Partner
Mouse myeloma (p3-NS1-Ag4-1).

Preparation
Liquid tissue culture supernatant containing sodium azide. Volume as indicated on vial label.

Effective on Frozen Tissue
Yes

Effective on Paraffin Wax Embedded Tissue
Yes

Recommendations on Use
Immunohistochemistry on paraffin sections.


Suggested dilution: 1:40 for 30 minutes at 25 °C. This is provided as a guide and users should determine their own optimal working dilutions.

Visualization: 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, www.LeicaBiosystems.com

The performance of this antibody should be validated when utilized with other manual staining systems or automated platforms.

Western Blotting: Not evaluated.

Positive Controls
Immunohistochemistry: Tonsil.

Staining Pattern
Membranes and cytoplasm of lymphoid cells.

Storage and Stability
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.

Warnings and Precautions
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 www.LeicaBiosystems.com

General Overview
The CD45 antigen (leucocyte common antigen) is a family of five or more high molecular weight glycoproteins present on the surface of the majority of human leucocytes (including lymphocytes, monocytes and eosinophils) but absent from erythrocytes and platelets.
General References