Novocastra™ Liquid Mouse Monoclonal Antibody CD23

Product Code: NCL-L-CD23-1B12

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

Specificity
Human CD23 antigen.

Clone
1B12

Ig Class
IgG1, kappa

Antigen Used for Immunizations
Prokaryotic recombinant fusion protein corresponding to the external domain of the CD23 molecule.

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: 1:50 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 recommended

Positive Controls
Immunohistochemistry: Tonsil.

Indirect flow cytometry: NUT-II-U (positive) and A431 (negative).

Staining Pattern
Membrane.

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 CD23 antigen is a membrane glycoprotein of 45 kD found on a subpopulation of peripheral blood cells, B lymphocytes and on EBV transformed B lymphoblastoid cell lines. The CD23 molecule is identical to the low affinity IgE receptor found on B cells.
General References