

Mouse Monoclonal anti-CD15, Clone Carb-3

60-0119; 60-0119-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0119-2	0.2 mL Concentrate Antibody
Isotype	IgM
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect CD15 normal and neoplastic formalin fixed paraffin embedded (FFPE) tissue sections in immunohistochemical detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

CD15 is expressed on Reed-Sternberg cells of Hodgkin's disease and by various other cell types including myeloid cells (e.g. granulocytes, monocytes, a subset of tissue macrophages, and activated T lymphocytes) and epithelial cells.

Anti-CD15 antibody is useful for the diagnosis of acute myeloid leukemia and Hodgkin's disease. Negative staining of CD15 is helpful for differential diagnosis of malignant mesothelioma from adenocarcinomas.

Reagent provided

This antibody is diluted in 10 mM Phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN₃) as antimicrobial agent.

Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN₃ may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution

60-0119; 60-0119-7: Ready-To-Use
 61-0119-2: Dilute 1:50-100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

Positive control tissue

Tonsil, Hodgkin's disease

Epitope retrieval

Tris buffer pH 9

Staining pattern

Cytoplasm and membrane

Storage

Store at 2-8°C.

References

- Arber DA, et al. Applied Immunohistochem 1993;1(1):17-30
- Leong AS-Y, Cooper K and Leong FJW-M. CD10. Manual of diagnostic antibodies for immunohistology. London: Greenwich medical media; 2003. p. 77-78.

Symbols

				
Catalog No.	Batch No.	In Vitro Diagnostic Use	Temperature Range	Use By

30971 Rev.00

