

Mouse Monoclonal anti-CD10, Clone GM003

60-0008; 60-0008-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0008; 61-0008-2; 61-0008-5	1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
Isotype	IgG2b
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect CD10 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

Mouse Monoclonal anti-CD10 Clone GM003 primary antibody recognizes the CD10 molecule, or common acute lymphoblastic leukemia antigen (CALLA).

This antibody is useful in the characterization of a subset of malignant lymphomas (e.g. precursor B-lymphoblastic lymphoma, follicular center cell lymphoma, and Burkitt's lymphoma), in which CD10 is frequently expressed. CD10 may be used as part of a panel of antibodies for differentiation of clear cell or papillary renal carcinoma, in which CD10 is strong expressed in most of these tumors.

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

60-0008; 60-0008-7: Ready-To-Use

61-0008; 61-0008-2; 61-0008-5: 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

Follicular lymphoma, diffuse large B-cell lymphoma

Epitope retrieval

Tris buffer pH 9

Staining pattern

Membrane

Storage

Store at 2-8°C.

References

1. Le Gouill S, et al. The hematology journal 2007;92:1335-42.
2. 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

30008 Rev.00

