

Mouse Monoclonal anti-CD56 (NCAM), Clone 123C3

60-0062; 60-0062-7 6 mL; 7 mL Pre-dilute Antibody, Ready-To-Use
 61-0062; 61-0062-2; 61-0062-5 1 mL; 0.2 mL; 0.5 mL Concentrate Antibody
 Isotype IgG1
 Concentration See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect CD56 in 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

This antibody recognizes two proteins of the neural cell adhesion molecule (NCAM), the basic molecule expressed on most neuroectodermally derived cell lines, tissues and neoplasms.

This antibody is useful for the identification of natural killer (NK) cells, NK-like T cells, neural/neuroendocrine tissues and related neoplasms. The antibody labels NK cells and a subset of CD4+ and CD8+ T cells in peripheral blood. Outside the hematopoietic system, CD56 is expressed in a number of tumors, including neuroblastomas and small cell lung cancer (SCLC).

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

60-0062; 60-0062-7: Ready-To-Use

61-0062; 61-0062-2; 61-0062-5: Dilute 1:50 to 1:100 before use. Dilution guideline when using Acu-Stain™ detection system. Optimal 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

Small cell lung carcinoma

Epitope retrieval

HIER, Tris-EDTA Buffer pH 9

Staining pattern

Cytoplasm and Membrane

Storage

Store at 2-8°C.

References

- Schol DJ, et al. Int J Cancer Suppl. 1988;2:34-40.
- Tsang WY, et al. Am J Surg Pathol. 1996 Feb;20(2):202-10.
- Mooi WJ, et al. Mol Cell Probes. 1988 Mar;2(1):31-7.

Symbols

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