Genemed Biotechnologies, Inc.

Mouse Monoclonal anti-Melan-A (MART-1), Clone A103

60-0092; 60-0092-7	6 mL; 7 mL Pre-dilute Antibody, Ready-To-Use
61-0092; 61-0092-2	1 mL; 0.2 mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

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

Description

Melan-A, also known as Melanoma Antigen Recognized by T cells 1 (MART-1), is a melanocyte differentiation antigen.The anti-Melan-A body labels melanocytes, steroid producing cells. It is a useful tool for the identification of melanomas. Melan-A is also expressed in angiomyolipomas. The antibody is applicable as a useful marker for angiomyolipomas.

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 (NaN_3) 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 (NaN_3) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN_3 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

60-0092; 60-0092-7: Ready-To-Use

61-0092; 61-0092-2: 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

Melanoma

Epitope retrieval

HIER Tris buffer pH 9

Staining pattern

Cytoplasm

Storage

Store at 2-8°C.

References

1. Chen Y-T, et al. Proc Natl Acad Sci 1996;93:5915-9.
2. Jungbluth AA, et al. Am J Surg Pathol 1998;22:595-602.

Symbols

Catalog No.

Batch No.

In Vitro Diagnostic Use


Temperature Range


Use By

30794 Rev.02

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