Mouse Monoclonal anti-PLAP (Placental Alkaline Phosphatase), Clone GM022

60-0139; 60-0139-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0139; 61-0139-2; 61-0139-5	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 placental alkaline phosphatase (PLAP) 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

Anti-PLAP antibody is a useful tool for the identification of germ cell tumors (e.g. seminomas) and for the identification desmoplastic small round cell tumors (a soft tissue sarcoma).

PLAP is a highly sensitive marker for the majority of embryonal carcinomas, and endodermal sinus tumors of the testis.

Differential identification is aided by the results from a panel of antibodies. This Mouse anti-PLAP antibody may be used along with EMA and Pan-Cytokeratin (AE1/AE3) to distinguish germ cell tumors from somatic 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 (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 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

60-0139; 60-0139-7: Ready-To-Use

61-0139; 61-0139-2; 61-0139-5: 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

Placenta, Seminoma

Epitope retrieval

Not Required

Staining pattern

Cytoplasm and membrane

Storage

Store at 2-8°C.

References

1. Wick MR, et al. Hum Pathol. 1987;18(9):946-54.
2. Manivel JC, et al. Am J Surg Pathol. 1987;11(1):21-9.

Symbols

Catalog No.

Batch No.

In Vitro Diagnostic Use


Temperature Range


Use By

30909 Rev.00

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