Genemed Biotechnologies, Inc.

Mouse Monoclonal anti-Ep-Cam, Clone VU-1D9

60-0190-7	7 mL predilute Antibody, Ready-To-Use
61-0190; 61-0190-2; 61-0190-5	1 mL; 0.2 mL; 0.5mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect Ep-Cam 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

Ep-Cam (Epithelial Antigen or Epithelial Specific Antigen) is a cell surface glycoprotein. The Ep-Cam is broadly distributed in epithelial cells, and displays a highly conserved expression in carcinomas. With a panel of antibodies, anti-Ep-Cam antibody is useful to assist differential diagnosis of adenocarcinoma from malignant mesothelioma.

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

60-0190-7: Ready-To-Use

61-0190; 61-0190-2; 61-0190-5: Dilute 1:100-200 before use when using Power-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

Colon, thyroid

Epitope retrieval

Proteinase K

Staining pattern

Membrane and Cytoplasm

Storage

Store at 2-8°C.

References

1. Litvinov SV, et al. The Journal of cell Biology. 1994; 125:437-446

2. Tsubura A, et al. Hournal of Cutaneous Pathology 1992: 19:73-79

Symbols

Catalog No.

Batch No.

In Vitro Diagnostic Use


Temperature Range


Use By

31754 Rev. 00

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