

Mouse Monoclonal anti-Epithelial Antigen, Clone Ber-EP4

60-0132; 60-0132-7	6 mL; 7 mL Pre-dilute Antibody, Ready-To-Use
61-0132, 61-0132-2, 61-0132-5	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 Epithelial Antigen 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

The epithelial antigen is expressed in epithelial cells and carcinomas. The antibody is a useful tool for differential diagnosis of adenocarcinoma from mesothelioma, basal cell carcinoma from squamous cell carcinomas of skin. The antibody may also aid in the detection of micrometases in lymph nodes of patients with esophageal carcinoma.

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

60-0132; 60-0132-7: Ready-To-Use
 61-0132, 61-0132-2, 61-0132-5: 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

Colon, Thyroid

Epitope retrieval

Proteinase K

Staining pattern

Membrane and Cytoplasm

Storage

Store at 2-8°C.

References

1. Sheibani K, et al. Am J Surg Pathol 1991;15:779-784. Hosch S, et al. Cancer Res. 2000;60:6836-6840

Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

