

Mouse Monoclonal anti-Cytokeratin 18, Clone DC-10

60-0017; 60-0017-7 6 mL; 7 mL predilute Antibody, Ready-To-Use
 61-0017; 61-0017-2; 61-0017-5 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 intended for laboratory use to qualitatively detect Cytokeratin 18 by light microscopy in normal and neoplastic formalin fixed paraffin embedded (FFPE) tissue sections using immunohistochemical (IHC) methodology. Interpretation of any positive or negative staining shall be supported by a proper control and must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

Cytokeratin 18 is typically expressed in simple, nonstratified epithelia. This antibody also labels endothelial cells in venules, lymphatics and capillaries in some tissues.

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 shall be followed 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

60-0017; 60-0017-7: Ready-To-Use
 61-0017; 61-0017-2; 61-0017-5: Dilute 1:50 to 1:100 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

Gastric intestinal track

Epitope retrieval

HIER with Tris Buffer pH 9

Staining pattern

Cytoplasmic

Storage

Store at 2-8°C.

References

1. Lane EB, et al. Semin Cancer Biol. 1990 Jun;1:165-179.
2. Miettinen M, et al. Hum Pathol. 2000 Sep;31(9):1062-7.
3. Moll R, et al. Cell. 1982 Nov;31(1):11-24.

Symbols

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

30017 Rev.01