

Mouse Monoclonal anti-Cytokeratin 5/6, Clone D5/16B4

60-0016; 60-0016-7
61-0016; 61-0016-2
Isotype
Concentration

6 mL; 7 mL predilute Antibody, Ready-To-Use
1 mL; 0.2 mL Concentrate Antibody
IgG1
See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect Cytokeratin 5/6 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

This antibody labels Cytokeratin 5 and 6, and is useful for the differentiation between low differentiated squamous cell carcinoma and adenocarcinoma, and between epithelial mesothelioma and metastatic carcinoma in the pleura when using together with a panel of other antibodies (e.g. Calretinin, TTF-1). Anti-Cytokeratin 5/6 has also been found useful in the differential diagnosis of atypical proliferations of the breast.

Reagent provided

This antibody is purified immunoglobulin 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**

60-0016; 60-0016-7: Ready-To-Use
61-0016; 61-0016-2: 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

Mesothelioma, prostate

Epitope retrieval

HIER, Tris pH 9

Staining pattern

Cytoplasm

Storage

Store at 2-8°C.

References

1. Clover J, et al. Histopathology. 1997 Aug;31(2):140-3.
2. Cury PM, et al. Mod Pathol. 2000 Feb;13(2):107-12.
3. Schäfer H, et al. Angew Chem Int Ed Engl. 2000 Oct 16;39(20):3703-3705.

Symbols

Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

