

Mouse Monoclonal anti-Vimentin, Clone V9

60-0066; 60-0066-7 6 mL; 7 mL predilute Antibody, Ready-To-Use
 61-0066; 61-0066-2; 61-0066-5 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 Vimentin in normal and neoplastic formalin fixed paraffin embedded 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

Vimentin is ubiquitously expressed in mesenchymal cells such as fibroblasts, smooth muscle cells, and endothelium. Co-expression of Vimentin and Cytokeratin is indicative of epitheloid sarcoma. Vimentin expression may change as a tumor becomes more aggressive.

The antibody is specific for Vimentin and does not recognize any other intermediate filaments, including desmin and glial fibrillary acidic protein (GFAP). It is used as part of an antibody panel (e.g. antibodies against other types of intermediate filaments) for differential diagnostics especially in soft tissue tumors. The antibody also serves as an internal control system to monitor any antigenic damage suffered by formalin-sensitive epitopes on other diagnostically useful molecules.

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 (NaN₃) 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 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

60-0066; 60-0066-7: Ready-To-Use

61-0066; 61-0066-2; 61-0066-5: 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

Any Tissue

Epitope retrieval

HIER, Citrate pH 6.0

Staining pattern

Cytoplasmic

Storage

Store at 2-8°C.

References

1. Osborn M, et al. Eur J Cell Biol. 1984 May;34(1):137-43
2. Azumi N, et al. Am J Clin Pathol. 1987 Sep;88(3):286-96
3. Battifora H. Am J Clin Pathol. 1991 Nov;96(5):669-71

Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

