

## Mouse Monoclonal anti-D2-40 (Lymphatic Endothelium Marker, Podoplanin), Clone D2-40

60-0100; 60-0100-7	6 mL; 7 mL predilute Antibody, Ready-To-Use
61-0100-2	0.2 mL Concentrate Antibody
Isotype	IgG1
Concentration	See container label

### Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect D2-40 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

D2-40, also known as Podoplanin and Lymphatic Endothelial Cell Marker. It is expressed in lymphatic endothelium, and was found in lymphangiomas, Kaposi sarcomas, a subset of angiosarcomas with lymphatic differentiation, epithelioid mesotheliomas, hemangioblastomas, seminomas.

D2-40 is a useful marker in identification of lymphatic invasion of primary tumors. D2-40 has also known to be a specific marker for cells of mesothelial origin e.g. 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<sub>3</sub>) 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<sub>3</sub>) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN<sub>3</sub> 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

60-0100; 60-0100-7: Ready-To-Use

61-0100-2: 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

Lymph Node

#### Epitope retrieval

HIER using Tris EDTA pH 9

#### Staining pattern

Cytoplasm and some membrane

### Storage

Store at 2-8°C.

### References

1. Kahn HJ, et al. Lab Invest 2002 Sep;82(9):1255-7
2. Kahn HJ, et al. Mod Pathol 2002 Apr;15(4):434-40

### Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

