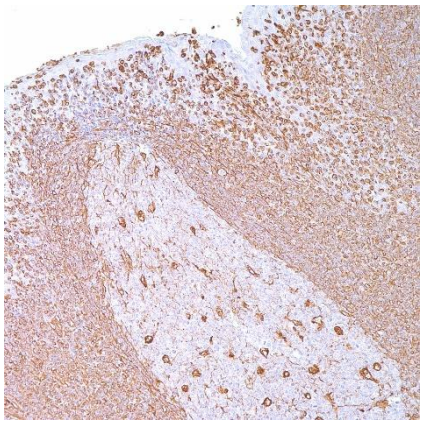
Vimentin clone V9

Instructions for Use

Specification:
This antibody is designed for the specific localization of Vimentin in formalin-fixed, paraffin-embedded tissue sections. It is intended for in vitro diagnostic use.
Vimentin is the major intermediate filament in a variety of mesenchymal or mesenchymally derived non-muscle cell types, including endothelial cells, all fibroblastic cells, macrophages, neuroblastomas, Sertoli cells, melanocytes, lymphocytes and ovarian granulosa cells. This antibody binds specifically to the 57 kD intermediate filament vimentin using immunoblotting. Vimentin is found in all types of sarcomas and lymphomas. Positive staining for vimentin is seen in most cells of fibrosarcomas, liposarcomas, malignant fibrous histocytomas, angiosarcomas, chondrosarcomas and lymphomas. When the vimentin antibody is used in combination with other antibodies as a panel, it can aid in the histological classification of normal and malignant tissues.

Availability:

Catalog No.	Contents	Volume
ILM52311-C01	Vimentin	0,1 ml concentrate
ILM52311-C05	Vimentin	0,5 ml concentrate
ILM52311-C1	Vimentin	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human

Clone: V9

Species of origin: Mouse

Isotype: IgG1

Control Tissue: Lymph node, tonsil

Staining: Cytoplasmic, membranous

Presentation: Mouse Monoclonal antibody in TBS, pH 7.6, containing 1% BSA and 0.09% sodium azide.
Protein concentration: 10-15mg/ml

Application and suggested dilutions:
Pretreatment: heat induced epitope retrieval in 10 mM citrate buffer, pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue section.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:400)

The optimal dilution for a specific application should be determined by the investigator.

- Ready-to-use: Apply the prediluted antibody and incubate for 30-60 minutes at room temperature.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

1) Ishii, Y, et al. Clin Exp Immunol 1984;58:183-192
2) Davey, FR, et al. Am J Pathol 1987;129:54-63
3) Lane EB, et al. Nature 1983;303:701-704
4) Leader, M, et al. Histopathology 1987;11:63-72
5) Ben-Ze'ev, A. J Cell Biol 1984;99:1424-1433
6) Battifora H. Am J Clin Pathol. 1991 Nov;96(5):669-71
7) Takeyoshi I et al. Hepatogastroenterology. 2000 Nov-Dec;47(36):1611-4
8) Yaziji H, Gown AM. Int J Gynecol Pathol. 2001 Jan;20(1):64-78
9) McCluggage WG. Histopathology. 2002 Apr;40(4):309-26