

Mouse Anti-Vimentin [V9]: MC0268, MC0268RTU7

Intended Use: For Research Use Only

Description: Anti-vimentin is of limited value as a diagnostic tool; however, when used in combination with other antibodies (in panels) it is useful for the subclassification of a given tumor. Expression of vimentin, when used in conjunction with anti-keratin, is helpful when distinguishing melanomas from undifferentiated carcinomas and large cell lymphomas. All melanomas and Schwannomas react strongly with anti-vimentin. This antibody recognizes a 57 kD intermediate filament. It labels a variety of mesenchymal cells, including melanocytes, lymphocytes, endothelial cells, and fibroblasts. Non-reactivity of anti-vimentin is often considered more useful than its positive reactivity, since there are a few tumors that do not contain vimentin, e.g. hepatoma and seminoma. Anti-vimentin is also useful as a tissue process control reagent.

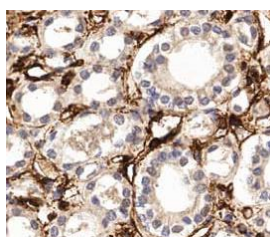
Specifications

Clone: V9
 Source: Mouse
 Isotype: IgG/k
 Reactivity: Human
 Localization: Cytoplasm
 Formulation: Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN₃)
 Storage: Store at 2°- 8°C
 Applications: IHC
 Package:

Description	Catalog No.	Size
Vimentin Concentrated	MC0268	1 ml
Vimentin Prediluted	MC0268RTU7	7 ml

IHC Procedure

Positive Control Tissue: Tonsil
 Concentrated Dilution: 100-300
 Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
 Incubation Time and Temp: 30-60 minutes @ RT
 Detection: Refer to the detection system manual
 * Result should be confirmed by an established diagnostic procedure.



FFPE human kidney stained with anti-Vimentin using DAB

References:

1. Expression of CD82 in human trophoblast and its role in trophoblast invasion. Zhang Q, et al. PLoS One 7:e38487, 2012.
 Macrophage secretory products induce an inflammatory phenotype in hepatocytes. Melino M, et al. World J Gastroenterol 18:1732-44, 2012.
2. Bone marrow-derived cells from male donors do not contribute to the endometrial side population of the recipient. Cervelló I, et al. PLoS One 7:e30260, 2012.

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Rev. A