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DATA SHEET

Rabbit Anti-Vimentin [MD207R]: RM0125, RM0125RTU7

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:	MD207R
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human, rat, horse, chicken, cow, cat, dog, pig
Immunogen:	Recombinant full-length human Vimentin protein
Localization:	Cytoplasm, membrane
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, Flow Cyt., ICC/IF, WB

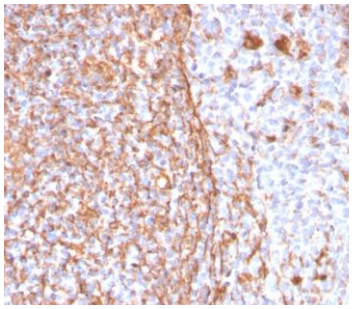
Package:

Description	Catalog No.	Size
Vimentin Concentrated	RM0125	1 ml
Vimentin Prediluted	RM0125RTU7	7 ml

IHC Procedure

Positive Control Tissue:	Tonsil
Concentrated Dilution:	50-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes 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 tonsil 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.
2. Macrophage secretory products induce an inflammatory phenotype in hepatocytes. Melino M, et al. World J Gastroenterol 18:1732-44, 2012.
3. 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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