

**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.

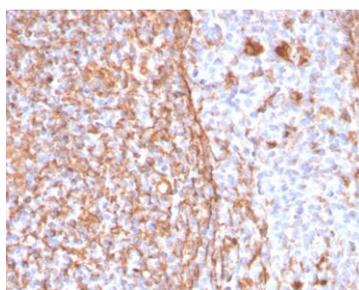
**Specifications**

Clone: MD207R  
 Source: Rabbit  
 Isotype: IgG  
 Reactivity: Human, rat, horse, chicken, cow, cat, dog, pig  
 Localization: Cytoplasm  
 Formulation: Antibody in PBS pH7.4, containing BSA and  $\leq 0.09\%$  sodium azide (NaN<sub>3</sub>)  
 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 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 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.

Doc. 100-RM0125  
Rev. A