Anti-Vimentin Antibody [VM1170] (A250309)

Specifications:

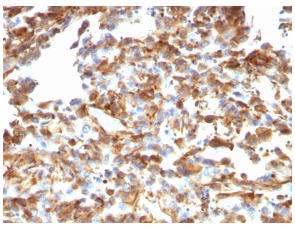
Name:	Anti-Vimentin Antibody [VM1170]
Description:	Mouse monoclonal [VM1170] antibody to Vimentin.
Specificity:	This antibody reacts with a 58kDa protein identified as vimentin. It shows no cross-reaction with other closely related intermediate filament proteins (IFP however, when used in panels with other antibodies, it is useful for the sub-classification 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. 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.
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Mouse or Rat.
Immunogen:	Recombinant full-length human Vimentin protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	VM1170
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Anti-Vimentin Antibody [VM1170] (A250309)

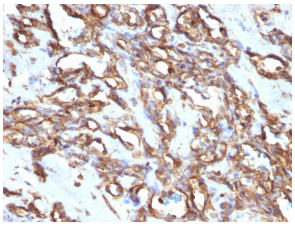
Specifications continued:

General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Vimentin Antibody [VM1170] - BSA and Azide free (A253489).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

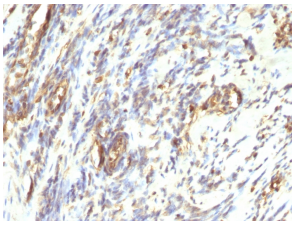
Images:



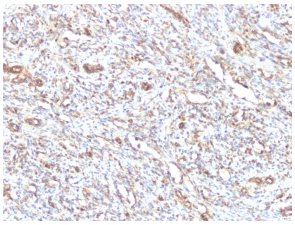
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human melanoma using Anti-Vimentin Antibody [VM1170].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human angiosarcoma using Anti-Vimentin Antibody [VM1170].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human leiomyosarcoma using Anti-Vimentin Antibody [VM1170].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human rhabdomyosarcoma using Anti-Vimentin Antibody [VM1170].