

Product Datasheet

Recombinant VIM Antibody / Vimentin (orb2636730)

Catalog Number	orb2636730
Category	Antibodies
Description	<p>Anti-vimentin alone is of limited value as a diagnostic tool; 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.</p>
Clonality	Recombinant
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein A/G affinity
Immunogen	A portion of amino acids 2-466 from the human protein was used as the immunogen for the recombinant VIM antibody.
UniProt ID	P08670

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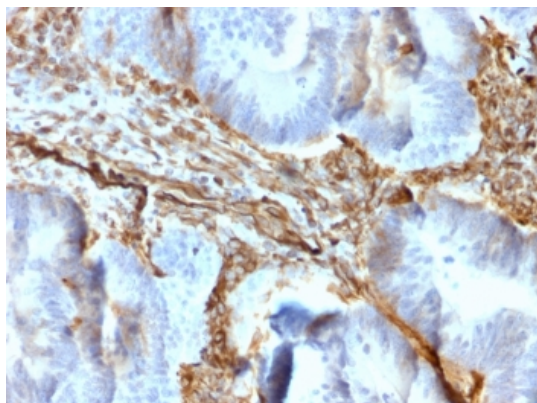
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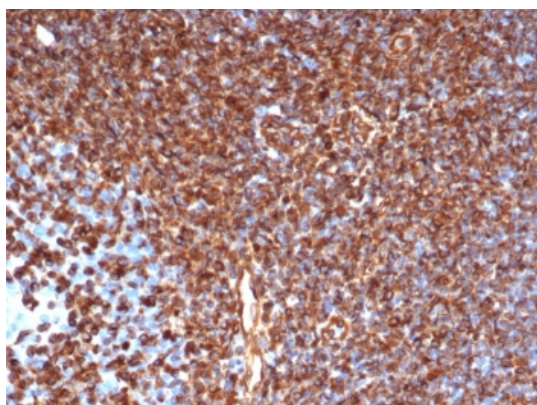
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Tested applications	IHC-P, WB
Dilution range	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml
Application notes	Optimal dilution of the recombinant VIM antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	rVIM/6431
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC staining of FFPE human colon tissue with recombinant VIM antibody (clone rVIM/6431). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human tonsil tissue with recombinant VIM antibody (clone rVIM/6431). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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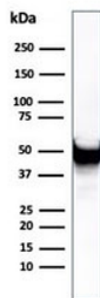
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Western blot testing of human U-87 MG cell lysate using recombinant VIM antibody (clone rVIM/6431). Predicted molecular weight ~53 kDa.

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