

Product Datasheet

Recombinant VIM Antibody / Vimentin (orb2635163)

Catalog Number	orb2635163
Category	Antibodies
Description	When used in conjunction with anti-keratin staining, anti-vimentin staining 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.
Clonality	Recombinant
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A/G affinity
Immunogen	A portion of amino acids 366-466 was used as the immunogen for the recombinant VIM antibody.
UniProt ID	P08670
Tested applications	IHC-P, WB

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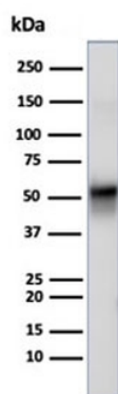
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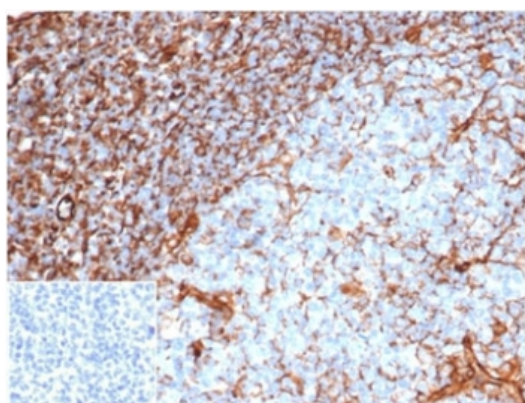
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Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml, Western blot: 1-2ug/ml
Application notes	Optimal dilution of the recombinant VIM antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	rVIM/6914
Storage	Maintain 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.



Western blot testing of human U-87 MG cell lysate using recombinant VIM antibody (clone rVIM/6914). Predicted molecular weight ~53 kDa.



IHC staining of FFPE human tonsil tissue with recombinant VIM antibody (clone rVIM/6914). Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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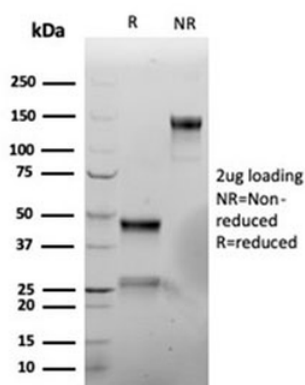
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SDS-PAGE analysis of purified, BSA-free recombinant VIM antibody (clone rVIM/6914) as confirmation of integrity and purity.

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