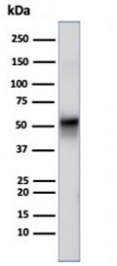
Recombinant VIM Antibody / Vimentin [clone rVIM/6914] (V9616)

Catalog No.	Formulation	Size
V9616-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9616-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9616SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

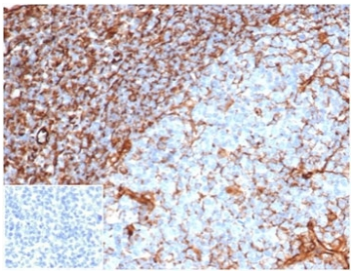
Recombinant MOUSE MONOCLONAL

Bulk quote request

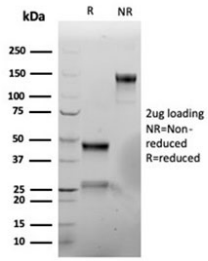
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rVIM/6914
Purity	Protein A/G affinity
UniProt	P08670
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 1-2ug/ml
Limitations	This recombinant VIM antibody is available for research use only.



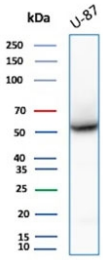
Western blot testing of human U-87 MG cell lysate using recombinant VIM antibody (clone rVIM/6914). Predicted molecular weight ~53 kDa.



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 pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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



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

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.

Application Notes

Optimal dilution of the recombinant VIM antibody should be determined by the researcher.

Immunogen

A portion of amino acids 366-466 was used as the immunogen for the recombinant VIM antibody.

Storage

Aliquot the recombinant VIM antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.