

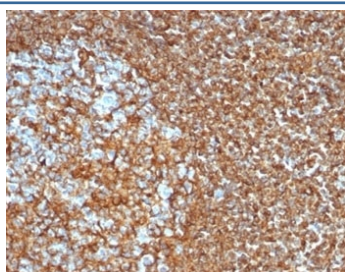
Recombinant Vimentin Antibody [clone VIM/6430R] (V9284)

Catalog No.	Formulation	Size
V9284-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9284-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9284SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

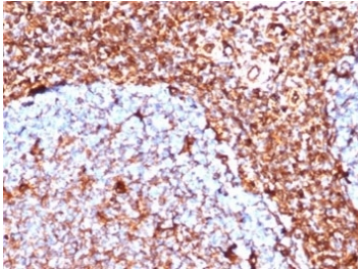
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

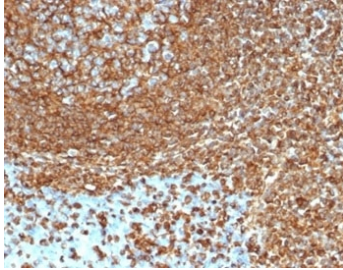
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Dog, Cat, Cow, Horse
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	VIM/6430R
Purity	Protein A/G affinity
UniProt	P08670
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Vimentin antibody is available for research use only.



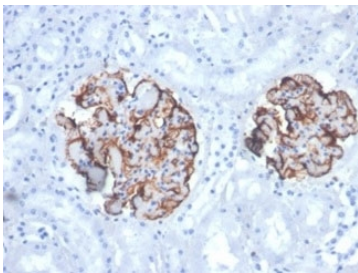
IHC staining of FFPE human tonsil tissue with recombinant Vimentin antibody (clone VIM/6430R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



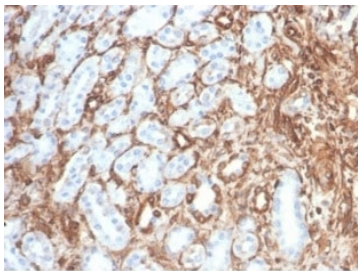
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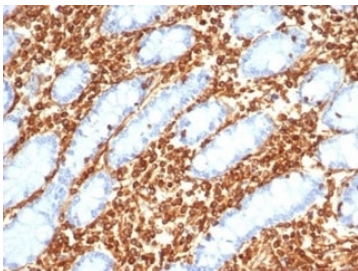
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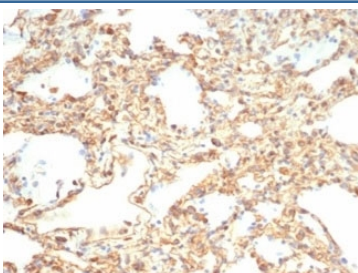
IHC staining of FFPE dog kidney tissue with recombinant Vimentin antibody (clone VIM/6430R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



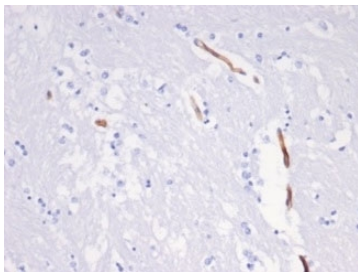
IHC staining of FFPE cat kidney tissue with recombinant Vimentin antibody (clone VIM/6430R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



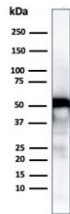
IHC staining of FFPE horse small intestine tissue with recombinant Vimentin antibody (clone VIM/6430R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



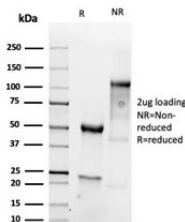
IHC staining of FFPE horse lung tissue with recombinant Vimentin antibody (clone VIM/6430R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE cow brain tissue with recombinant Vimentin antibody (clone VIM/6430R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human U-87 MG cell lysate with recombinant Vimentin antibody. Predicted molecular weight ~53 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant Vimentin antibody (clone VIM/6430R) as confirmation of integrity and purity.

Description

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.

Application Notes

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

Immunogen

A portion of amino acids 2-466 from the human protein was used as the immunogen for the recombinant Vimentin antibody.

Storage

Aliquot the recombinant Vimentin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

