

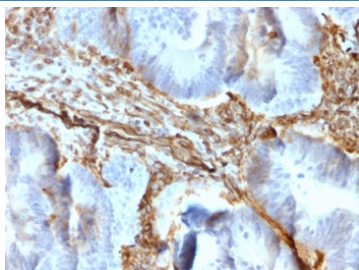
Recombinant VIM Antibody / Vimentin [clone rVIM/6431] (V9292)

| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V9292-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V9292-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V9292SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

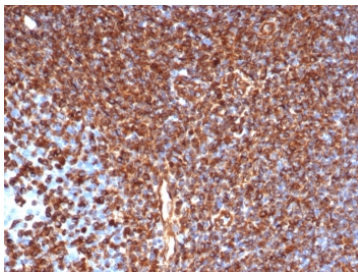
Recombinant **MOUSE MONOCLONAL**

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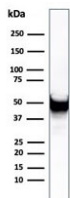
| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human (broad species reactivity predicted) |
| Format | Purified |
| Host | Mouse |
| Clonality | Recombinant Mouse Monoclonal |
| Isotype | Mouse IgG1, kappa |
| Clone Name | rVIM/6431 |
| Purity | Protein A/G affinity |
| UniProt | P08670 |
| Localization | Cytoplasmic |
| Applications | Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml |
| Limitations | This recombinant VIM antibody is available for research use only. |



IHC staining of FFPE human colon tissue with recombinant VIM antibody (clone rVIM/6431). 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 human tonsil tissue with recombinant VIM antibody (clone rVIM/6431). 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 using recombinant VIM antibody (clone rVIM/6431). Predicted molecular weight ~53 kDa.

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 VIM 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 VIM antibody.

Storage

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