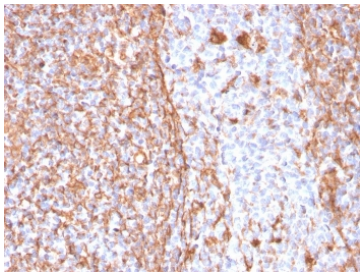
Vimentin Antibody / Cell Adhesion Marker Antibody [clone VIM/1937R] (V8356)

Catalog No.	Formulation	Size
V8356-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8356-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8356SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

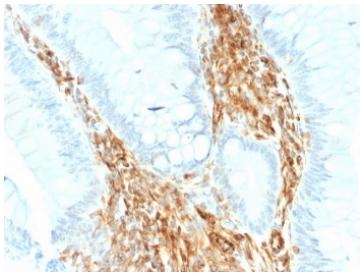
Recombinant RABBIT MONOCLONAL

Bulk quote request

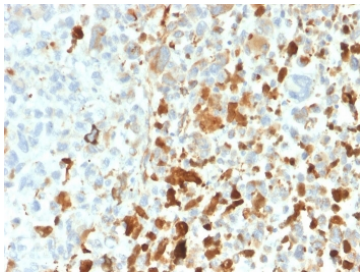
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	VIM/1937R
Purity	Protein A affinity chromatography
UniProt	P08670
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant Vimentin antibody is available for research use only.



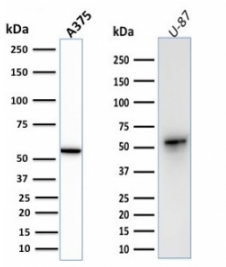
Vimentin Antibody / Cell Adhesion Marker Antibody for IHC. Immunohistochemistry analysis of FFPE human tonsil tissue using Vimentin antibody. The rabbit monoclonal clone VIM/1937R shows strong HRP-DAB brown cytoplasmic staining in stromal cells and supporting tissue architecture, with minimal staining in lymphoid cell populations. The staining pattern highlights interconnected stromal networks and cell-matrix interfaces, consistent with cytoskeletal anchoring and adhesion-associated structures. This distribution reinforces the use of Vimentin as a cell adhesion marker for identifying mesenchymal stromal compartments and structural support elements within lymphoid tissue.



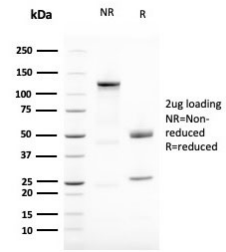
IHC staining of FFPE human colon carcinoma with recombinant Vimentin antibody (clone VIM/1937R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human melanoma with recombinant Vimentin antibody (clone VIM/1937R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Vimentin Antibody / Cell Adhesion Marker Antibody WB. Western blot analysis of human A375 and U-87 cell lysates using Vimentin antibody. The rabbit monoclonal clone VIM/1937R detects a prominent band at approximately 55 kDa, consistent with the predicted molecular weight of Vimentin (VIM). The presence of a clear, single band across both cell lines supports detection of cytoskeletal components associated with adhesion-linked structural integrity. This banding pattern aligns with the role of Vimentin in anchoring intermediate filaments to adhesion complexes and reinforces its use as a cell adhesion marker in mesenchymal and tumor-derived cells.



SDS-PAGE analysis of purified, BSA-free Vimentin antibody (clone VIM/1937R) as confirmation of integrity and purity.

Description

Vimentin (VIM) is a type III intermediate filament protein that plays a central role in maintaining cellular integrity and mediating adhesion in mesenchymal cells. Vimentin Antibody / Cell Adhesion Marker Antibody is specifically positioned for studies focused on cytoskeletal anchoring, cell-matrix interactions, and adhesion-dependent structural stability. This Vimentin Antibody is uniquely positioned for analyzing focal adhesion dynamics and integrin-linked cytoskeletal attachment mechanisms in mesenchymal systems, making it highly relevant for adhesion-focused research contexts. Vimentin is also referred to as Vimentin antibody, VIM antibody, and intermediate filament marker antibody in the literature, supporting alignment across gene and protein terminology.

Vimentin contributes directly to adhesion by linking intracellular filament networks to focal adhesion complexes and extracellular matrix contacts. This structural connectivity allows cells to maintain shape while resisting mechanical stress and remaining anchored to their environment. The Vimentin Antibody / Cell Adhesion Marker Antibody enables detailed investigation of adhesion-associated processes in fibroblasts, endothelial cells, and stromal populations where stable attachment is required for normal function.

In biological systems, Vimentin expression is closely associated with cells that require both mechanical strength and

adaptive flexibility in adhesion. It regulates focal adhesion turnover and integrin signaling, allowing cells to maintain attachment while adapting to environmental changes. This balance is essential for tissue maintenance, repair, and controlled remodeling processes.

Functionally, Vimentin interacts with actin filaments, integrins, and adhesion-associated proteins to regulate signaling pathways that influence cytoskeletal organization and attachment strength. The Vimentin Antibody / Cell Adhesion Marker Antibody differentiator is central to this antibody, positioning it specifically for adhesion biology rather than migration, EMT, or imaging-focused applications. A Vimentin Antibody provides a reliable tool for studying cytoskeletal anchoring, adhesion signaling, and cell-matrix interaction mechanisms in complex biological systems.

Explore our Protein Microarray Validated Vimentin Antibody page to learn more about vimentin biology, mesenchymal cell markers, and additional validated products.

Application Notes

Optimal dilution of the Vimentin Antibody / Cell Adhesion Marker Antibody should be determined by the researcher.

Immunogen

Full length recombinant protein was used as the immunogen for this Vimentin Antibody / Cell Adhesion Marker Antibody.

Storage

Store the recombinant Vimentin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

Vimentin antibody, VIM antibody, Vimentin intermediate filament antibody, mesenchymal marker antibody, cytoskeletal intermediate filament antibody, stromal marker antibody, fibroblast marker antibody, cell adhesion marker antibody

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