

# Vimentin

Mouse Monoclonal antibody(Mab)  
Catalog # AD80040

## Product Information

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<b>Application</b>	IHC-P
<b>Primary Accession</b>	<a href="#">P08670</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	312D6H4
<b>Calculated MW</b>	53652

## Additional Information

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<b>Gene ID</b>	7431
<b>Gene Name</b>	VIM
<b>Other Names</b>	Vimentin, VIM
<b>Dilution</b>	IHC-P~~Ready-to-use
<b>Storage</b>	Maintain refrigerated at 2-8°C.
<b>Precautions</b>	Vimentin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

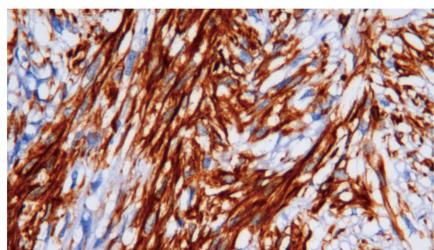
## Protein Information

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<b>Name</b>	VIM ( <a href="#">HGNC:12692</a> )
<b>Function</b>	Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Plays a role in cell directional movement, orientation, cell sheet organization and Golgi complex polarization at the cell migration front (By similarity). Protects SCRIB from proteasomal degradation and facilitates its localization to intermediate filaments in a cell contact-mediated manner (By similarity). May promote axon outgrowth and motor fiber repair via DSP-mediated recruitment to outgrowth tips (By similarity).
<b>Cellular Location</b>	Cytoplasm. Cytoplasm, cytoskeleton. Nucleus matrix {ECO:0000250 UniProtKB:P31000}. Cell membrane {ECO:0000250 UniProtKB:P20152}. Cell projection, axon {ECO:0000250 UniProtKB:P20152}
<b>Tissue Location</b>	Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

## Images

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.