

**Vimentin Monoclonal Antibody(1A7)**  
Catalog # AP63381**Specification**

---

**Vimentin Monoclonal Antibody(1A7) - Product Information**

Application	WB
Primary Accession	<a href="#">P08670</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

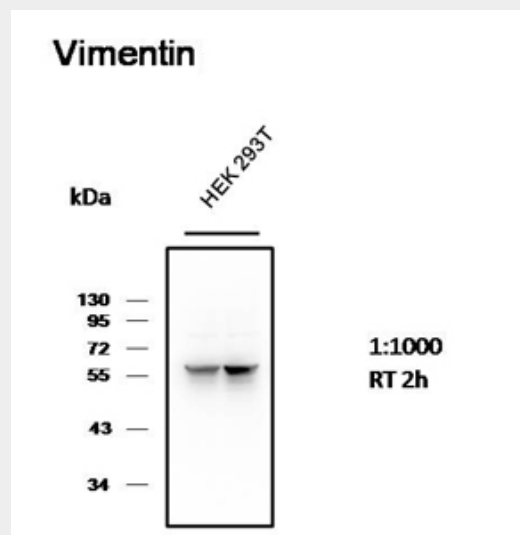
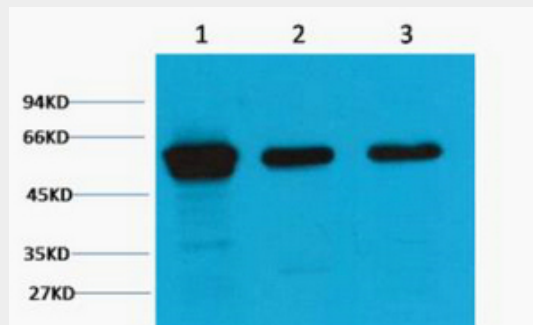
**Vimentin Monoclonal Antibody(1A7) - Additional Information****Gene ID** 7431**Other Names**  
VIM; Vimentin**Dilution**  
WB~~WB: 1:1000-3000**Format**  
PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.**Storage Conditions**  
-20°C**Vimentin Monoclonal Antibody(1A7) - Protein Information****Name** VIM ([HGNC:12692](#))**Function**  
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).**Cellular Location**  
Cytoplasm. Cytoplasm, cytoskeleton. Nucleus matrix {ECO:0000250|UniProtKB:P31000}. Cell membrane {ECO:0000250|UniProtKB:P20152}**Tissue Location**  
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.

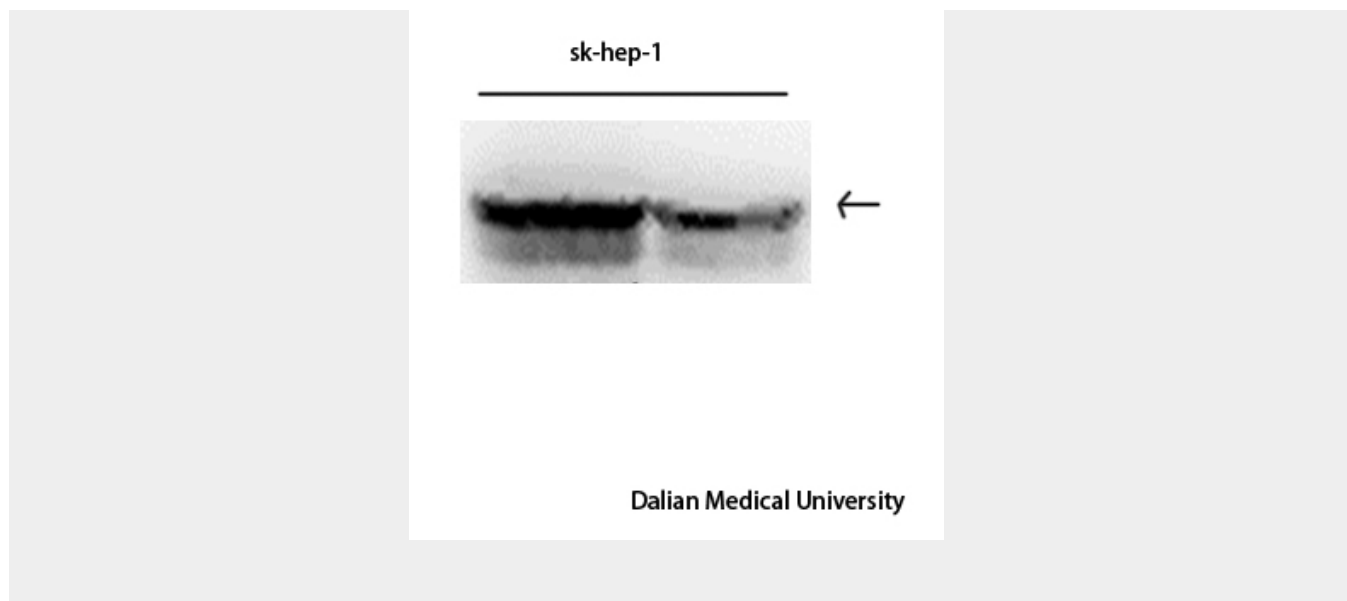
## Vimentin Monoclonal Antibody(1A7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Vimentin Monoclonal Antibody(1A7) - Images





### Vimentin Monoclonal Antibody(1A7) - Background

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.