

**Anti-Vimentin Antibody**  
**Mouse Anti Human Monoclonal Antibody**  
**Catalog # AP53427****Specification**

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**Anti-Vimentin Antibody - Product Information**

Application	IP, WB, ICC
Primary Accession	<a href="#">P08670</a>
Other Accession	<a href="#">NM_003380</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Immunogen	Purified recombinant human Vimentin protein fragments expressed in E.coli.
Purification	Affinity purified
Calculated MW	57 KDa

**Anti-Vimentin Antibody - Additional Information****Gene ID** 7431**Other Names**

CTRCT30; Epididymis luminal protein 113; FLJ36605; HEL113; OTTHUMP00000019224; VIM; VIME\_HUMAN; Vimentin.

**Dilution**

WB~~1:1000

ICC~~1:800

**Format**

Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-Vimentin Antibody - Protein Information****Name** VIM**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.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton. Nucleus matrix {ECO:0000250|UniProtKB:P31000}. Cell

membrane {ECO:0000250|UniProtKB:P20152}

### Tissue Location

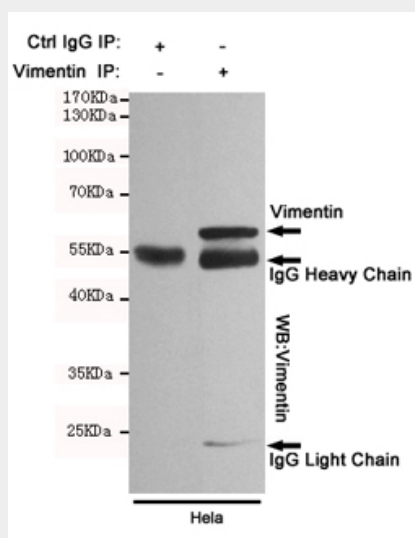
Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

### Anti-Vimentin Antibody - Protocols

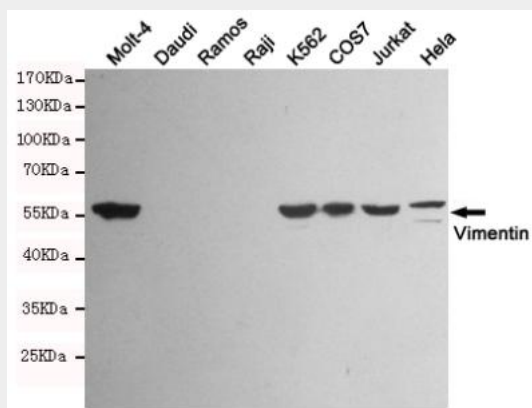
Provided below are standard protocols that you may find useful for product applications.

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

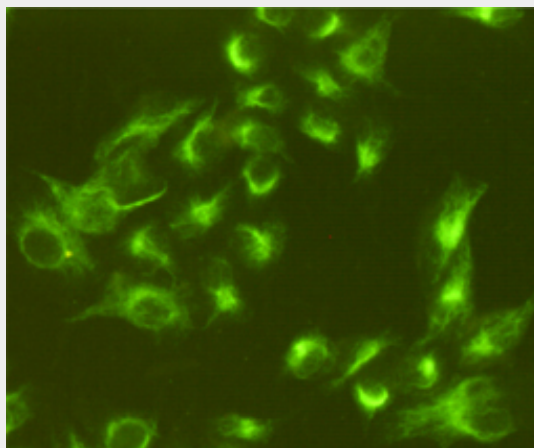
### Anti-Vimentin Antibody - Images



Immunoprecipitation analysis of HeLa cell lysates using Vimentin mouse mAb.



Western blot detection of Vimentin in Molt-4,K562,COS7,Jurkat,Hela and Vimentin negative cell (Daudi,Ramos,Raji) lysates using Vimentin mouse mAb (1:1000 diluted).Predicted band size:57KDa.Observed band size:57KDa.



Immunocytochemistry staining of Hela cells fixed with 4% Paraformaldehyde and using anti-Vimentin mouse mAb (dilution 1:800).

#### **Anti-Vimentin Antibody - 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.