

**Anti-Vimentin (pS39) Antibody**  
**Rabbit polyclonal antibody to Vimentin (pS39)**  
**Catalog # AP61096****Specification**

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**Anti-Vimentin (pS39) Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">P08670</a>
Other Accession	<a href="#">P20152</a>
Reactivity	Human, Mouse, Rat, Pig, Bovine, SARS
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53652

**Anti-Vimentin (pS39) Antibody - Additional Information****Gene ID** 7431**Other Names**

Vimentin

**Target/Specificity**

Recognizes endogenous levels of Vimentin (pS39) protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

E~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

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

**Anti-Vimentin (pS39) Antibody - 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

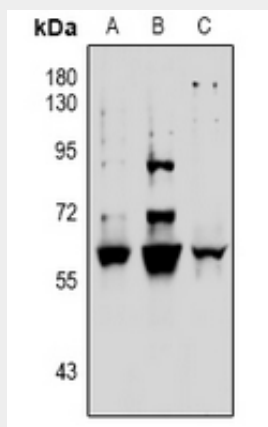
Highly expressed in fibroblasts, some expression in T- and B-lymphocytes, and little or no expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

### Anti-Vimentin (pS39) Antibody - Protocols

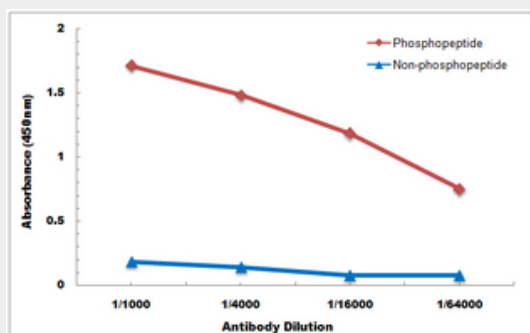
Provided below are standard protocols that you may find useful for product applications.

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

### Anti-Vimentin (pS39) Antibody - Images



Western blot analysis of Vimentin (pS39) expression in PMVEC (A), A2780 (B), NIH3T3L1 (C) whole cell lysates.



Direct ELISA antibody dose-response curve using Anti-Vimentin (pS39) Antibody. Antigen (phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

**Anti-Vimentin (pS39) Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Vimentin. The exact sequence is proprietary.