

**Phospho-Vimentin(S82) Antibody Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP3546a****Specification**

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**Phospho-Vimentin(S82) Antibody Blocking peptide - Product Information**Primary Accession [P08670](#)**Phospho-Vimentin(S82) Antibody Blocking peptide - Additional Information****Gene ID** 7431**Other Names**

Vimentin, VIM

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP3546a](#) was selected from the region of human Phospho-Vimentin-S82. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Phospho-Vimentin(S82) Antibody Blocking peptide - 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.

**Phospho-Vimentin(S82) Antibody Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**Phospho-Vimentin(S82) Antibody Blocking peptide - Images****Phospho-Vimentin(S82) Antibody Blocking peptide - Background**

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**Phospho-Vimentin(S82) Antibody Blocking peptide - References**

Whipple,R.A., Cancer Res. 68 (14), 5678-5688 (2008)Garcia-Verdugo,I., Biochemistry 47 (18), 5127-5138 (2008)