

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

Phospho-Vimentin(S82) Antibody Blocking peptide - Product InformationPrimary 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)