

Vimentin Blocking Peptide
Catalog # PBV10281b**Specification**

Vimentin Blocking Peptide - Product Information

Primary Accession	P08670
Gene ID	7431
Calculated MW	53652

Vimentin Blocking Peptide - Additional Information**Gene ID** 7431**Application & Usage**

The peptide is used for blocking the antibody activity of Vimentin. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Vimentin, VIM

Target/Specificity

Vimentin

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Vimentin Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Vimentin 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.

Vimentin Blocking Peptide - 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 Blocking Peptide - Images