10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Phospho-Vimentin (S72) Antibody
Rabbit mAb
Catalog # AP90160

Specification

Phospho-Vimentin (S72) Antibody - Product Information

Application	**WB, IP**
Primary Accession	P08670
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Other Names	
VIM; VIME; Vimentin;	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**53652 Da**

Phospho-Vimentin (S72) Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human Phospho-Vimentin (S72)**
Description	**Vimentin an intermediate filament protein. Intermediate filament proteins are expressed in a tissue-specific manner. Desmin is the subunit specific for muscle and vimentin the subunit specific for mesenchymal tissue.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

Phospho-Vimentin (S72) 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

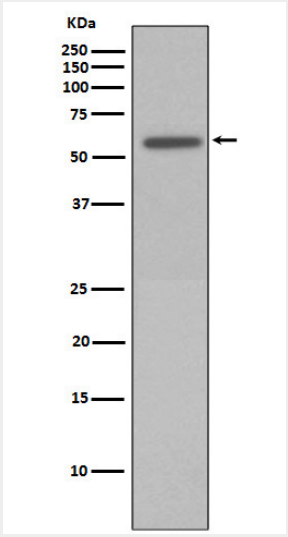
expression in Burkitt's lymphoma cell lines. Expressed in many hormone-independent mammary carcinoma cell lines.

Phospho-Vimentin (S72) 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 Cytomety
- Cell Culture

Phospho-Vimentin (S72) Antibody - Images



Western blot analysis of Phospho-Vimentin (Ser72) in HeLa cell lysates treated with Calyculin A.