

Anti-Phospho-Vimentin (S72) Rabbit Monoclonal Antibody
Catalog # ABO13178**Specification**

Anti-Phospho-Vimentin (S72) Rabbit Monoclonal Antibody - Product Information

Application	WB, IP
Primary Accession	P08670
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Phospho-Vimentin (S72) Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-Phospho-Vimentin (S72) Rabbit Monoclonal Antibody - Additional Information

Gene ID 7431

Other Names

Vimentin, VIM

Calculated MW

53652 MW KDa

Application Details

WB 1:500-1:2000
IP 1:50

Subcellular Localization

Cytoplasm.

Tissue Specificity

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..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Phospho-Vimentin (S72)

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for

**up to one month. Avoid repeated
freeze-thaw cycles.**

Anti-Phospho-Vimentin (S72) Rabbit Monoclonal 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

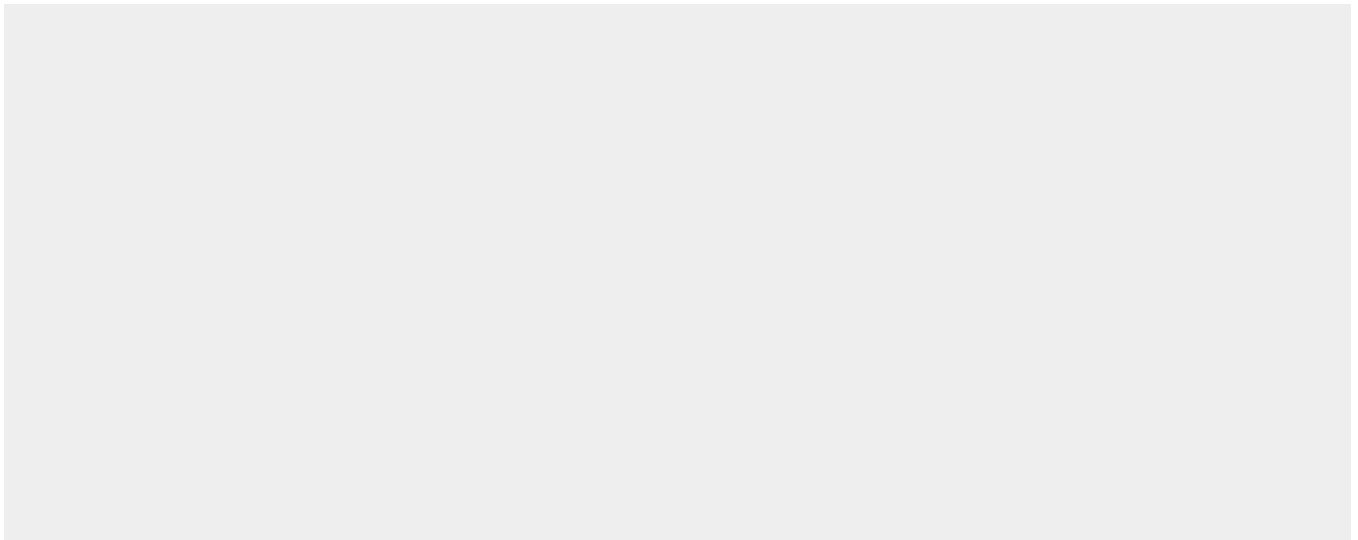
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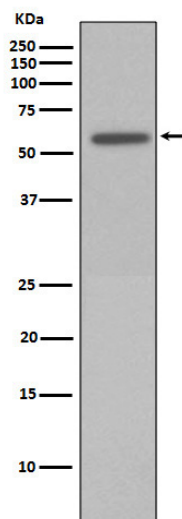
Anti-Phospho-Vimentin (S72) Rabbit Monoclonal Antibody - Protocols

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-Phospho-Vimentin (S72) Rabbit Monoclonal Antibody - Images





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