

Phospho-Vimentin (Ser56) Rabbit mAb

Catalog # AP76247

Product Information

ApplicationWB, IP, ICCPrimary AccessionP08670ReactivityHumanHostRabbit

Clonality Monoclonal Antibody

Calculated MW 53652

Additional Information

Gene ID 7431

Other Names VIM

Dilution WB~~1/500-1/1000 IP~~N/A ICC~~N/A

Format 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and

0.05% BSA.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

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, cytoskeleton. Nucleus matrix

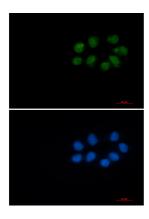
{ECO:0000250|UniProtKB:P31000}. Cell membrane

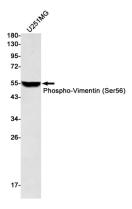
{ECO:0000250 | UniProtKB:P20152}

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.





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