

KD-Validated Anti-Phospho-Vimentin (Ser56) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1123

Product Information

Application	WB, FC, ICC
Primary Accession	P08670
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB2035
Calculated MW	53652
Gene Name	VIM
Aliases	VIM; Vimentin; Epididymis Secretory Sperm Binding Protein 3
Immunogen	A synthesized peptide derived from human Phospho-Vimentin (Ser56)

Additional Information

Gene ID	7431
Other Names	Vimentin {ECO:0000312 HGNC:HGNC:12692}, VIM (HGNC:12692)

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). May promote axon outgrowth and motor fiber repair via DSP-mediated recruitment to outgrowth tips (By similarity).
Cellular Location	Cytoplasm. Cytoplasm, cytoskeleton. Nucleus matrix {ECO:0000250 UniProtKB:P31000}. Cell membrane {ECO:0000250 UniProtKB:P20152}. Cell projection, axon {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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