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KD-Validated Anti-PDCL3 Mouse Monoclonal Antibody

Mouse monoclonal Antibody
Catalog # AGI2173

Product Information

Application	WB
Primary Accession	Q9H2J4
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Clone Names	24GB14085
Calculated MW	27614
Gene Name	PDCL3
Aliases	PDCL3; Phosducin Like 3; VIAF1; Viral IAP-Associated Factor 1; Phosducin-Like Protein 3; HTPHLP; VIAF-1; PhPL3; IAP-Associated Factor VIAF1; PHLP2A; PhLP2A; PHLP3; VIAF
Immunogen	Recombinant protein of human PDCL3

Additional Information

Gene ID	79031
Other Names	Phosducin-like protein 3, HTPHLP, PhPL3, Viral IAP-associated factor 1, VIAF-1, PDCL3, PhLP2A, VIAF1

Protein Information

Name	PDCL3
Synonyms	PhLP2A, VIAF1
Function	Acts as a chaperone for the angiogenic VEGF receptor KDR/VEGFR2, increasing its abundance by inhibiting its ubiquitination and degradation (PubMed:23792958, PubMed:26059764). Inhibits the folding activity of the chaperonin-containing T-complex (CCT) which leads to inhibition of cytoskeletal actin folding (PubMed:17429077). Acts as a chaperone during heat shock alongside HSP90 and HSP40/70 chaperone complexes (By similarity). Modulates the activation of caspases during apoptosis (PubMed:15371430).
Cellular Location	Cytoplasm. Cytoplasm, perinuclear region. Endoplasmic reticulum
Tissue Location	Expressed in endothelial cells (at protein level) (PubMed:26059764). Expressed in all tissues examined including spleen, thymus, prostate, testis, ovary, small intestine and colon (PubMed:15371430).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.