

For Research Use Only

VHL Recombinant monoclonal antibody

Catalog Number: 87374-1-RR



Basic Information

Catalog Number: 87374-1-RR	GenBank Accession Number: NM_000551.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7428	CloneNo.: 251968F3
Source: Rabbit	UNIPROT ID: P40337	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: von Hippel-Lindau tumor suppressor	
Immunogen Catalog Number: EG6405	Calculated MW: 24 kDa	
	Observed MW: 18-24 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, Daudi cells, Raji cells, Ramos cells
Species Specificity: human	

Background Information

VHL (von Hippel-Lindau tumor suppressor) gene was identified as the tumor suppressor gene whose germ line mutations are associated with the inherited von Hippel-Lindau cancer syndrome (PMID: 8603073, 10722748). VHL patients develop a wide variety of tumors including retinal angioma, central nervous system hemangioblastoma, pheochromocytoma, and renal clear cell carcinoma (PMID: 10722748). VHL localizes predominantly to the cytoplasmic compartment but engages in a dynamic nuclear-cytoplasmic shuttle (PMID: 8700833, 9891082, 12101228). VHL has isoforms with the molecular mass of 18-24 kDa.

Storage

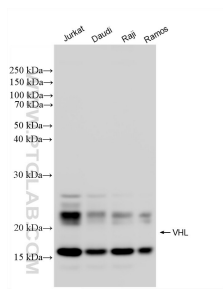
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

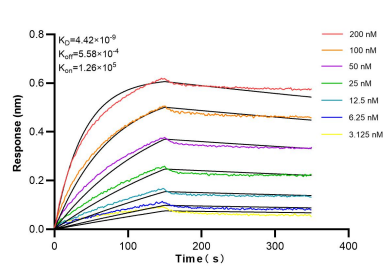
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87374-1-RR (VHL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87374-1-RR against Human VHL were performed. The affinity constant is 4.42 nM.