

For Research Use Only

VHL Recombinant monoclonal antibody, PBS Only

Catalog Number: 87374-1-PBS



Basic Information

Catalog Number: 87374-1-PBS	GenBank Accession Number: NM_000551.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7428	CloneNo.: 251968F3
Source: Rabbit	UNIPROT ID: P40337	
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, Indirect ELISA

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

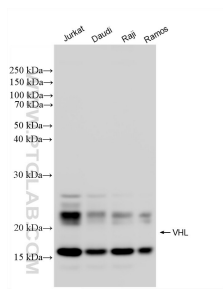
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

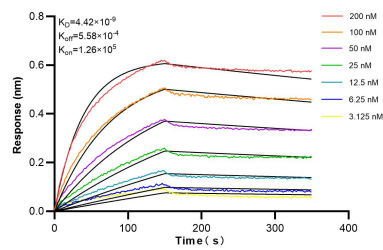
For technical support and original validation data for this product please contact:
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Selected Validation Data



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. This data was developed using the same antibody clone with 87374-1-PBS in a different storage buffer formulation.



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