

For Research Use Only

# VHL Recombinant monoclonal antibody

Catalog Number: 87374-3-RR



## Basic Information

<b>Catalog Number:</b> 87374-3-RR	<b>GenBank Accession Number:</b> NM_000551.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7428	<b>CloneNo.:</b> 251968A5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P40337	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> von Hippel-Lindau tumor suppressor	
<b>Immunogen Catalog Number:</b> EG6405	<b>Calculated MW:</b> 24 kDa	
	<b>Observed MW:</b> 18-24 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, Raji cells, Daudi cells, Ramos cells
<b>Species Specificity:</b> 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

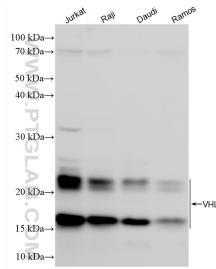
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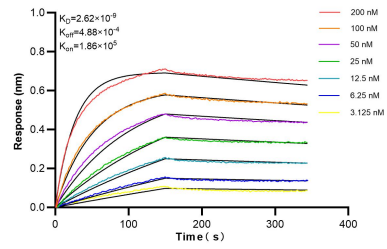
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87374-3-RR (VHL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87374-3-RR against Human VHL were performed. The affinity constant is 2.62 nM.