

For Research Use Only

VHL Recombinant monoclonal antibody

Catalog Number: 87374-1-RR



Basic Information

Catalog Number:

87374-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6405

GenBank Accession Number:

NM_000551.4

GeneID (NCBI):

7428

UNIPROT ID:

P40337

Full Name:

von Hippel-Lindau tumor suppressor

Calculated MW:

24 kDa

Observed MW:

18-24 kDa

Purification Method:

Protein A purification

CloneNo.:

251968F3

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, Daudi cells, Raji cells, Ramos cells

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

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

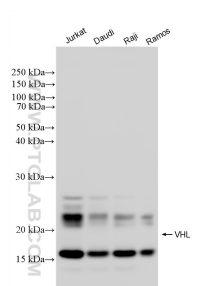
T: 4006900926

E: Proteintech-CN@ptglab.com

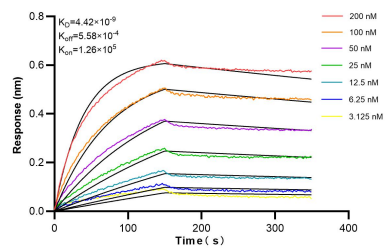
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Selected Validation Data



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.