

A21083

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## VHL Mouse mAb

Catalog No.: A21083

### Basic Information

**Observed MW**

18kDa

**Calculated MW**

24kDa

**Category**

Mouse Monoclonal Antibody

**Applications**

WB, IHC-P, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

AMC0442

### Background

This gene encodes a component of a ubiquitination complex. The encoded protein is involved in the ubiquitination and degradation of hypoxia-inducible-factor (HIF), which is a transcription factor that plays a central role in the regulation of gene expression by oxygen. In addition to oxygen-related gene expression, this protein plays a role in many other cellular processes including cilia formation, cytokine signaling, regulation of senescence, and formation of the extracellular matrix. Variants of this gene are associated with von Hippel-Lindau syndrome, pheochromocytoma, erythrocytosis, renal cell carcinoma, and cerebellar hemangioblastoma.

### Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

### Immunogen Information

**Gene ID**

7428

**Swiss Prot**

P40337

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-154 of VHL [NP\_000542.1]

**Synonyms**

RCA1; VHL1; pVHL; HRCA1; VHL

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Mouse

**Isotype**

IgG2b, Kappa

**Purification**

Affinity purification

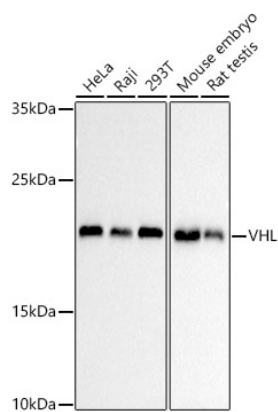
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using VHL Mouse mAb (A21083) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.