

### 32-6243: Mouse Anti Human Von Hippel-Lindau Protein(Clone:P52A11AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P52A11AT.
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	VHL
<b>Gene ID :</b>	7428
<b>Uniprot ID :</b>	P40337
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Von Hippel-Lindau disease tumor suppressor,pVHL,Protein G7,VHL,RCA1,VHL1,HRCA1.
<b>Isotype :</b>	Mouse IgG2b heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human VHL mAb is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human VHL amino acids 1-154 purified from E. coli.

#### Description

Von Hippel-Lindau disease is a dominant inherited syndrome characterized by the predisposition to develop various kinds of benign and malignant tumors, including clear cell renal carcinomas, pheochromocytomas and hemangioblastomas of the central nervous system and retina. VHL syndrome is caused by germline mutation in the VHL tumor suppressor, and VHL tumors are associated with loss or mutation of the remaining wild-type allele. VHL has two domains: a roughly 100-residue NH2-terminal domain rich in  $\beta$  sheet ( $\beta$ -domain) and a smaller  $\alpha$ -helical domain ( $\alpha$ -domain), held together by two linkers and a polar interface. VHL protein is also involved in the degradation of hypoxia-inducible factor (HIF).

#### Product Info

<b>Amount :</b>	20 $\mu$ g
<b>Purification :</b>	VHL antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

VHL antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1,000. Recommended starting dilution is 1:500.