

For Research Use Only

# VASH2 Monoclonal antibody

Catalog Number:67753-1-Ig



## Basic Information

<b>Catalog Number:</b> 67753-1-Ig	<b>GenBank Accession Number:</b> BC028194	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 79805	<b>CloneNo.:</b> 3A11D10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q86V25	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> vasohibin 2	
<b>Immunogen Catalog Number:</b> AG29985	<b>Calculated MW:</b> 355 aa, 40 kDa	
	<b>Observed MW:</b> 30-34 kDa	

## Applications

**Tested Applications:**  
WB, IHC, ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** SKOV-3 cells, BGC-823 cells, L02 cells, HepG2 cells, HUVEC cells, HSC-T6 cells, NIH/3T3 cells, SGC-7901 cells, MKN-45 cells

**IHC :** human skin cancer tissue, human liver cancer tissue

## Background Information

VASH2, also named as vasohibin 2, is an important pro-angiogenesis factor in solid tumor. It has been reported that VASH2 is expressed in mononuclear cells mobilized from bone marrow to promote angiogenesis. VASH2 also plays a key role in axon formation. VASH2 is localized as a nuclear type (with 311 amino acid residues) and cytoplasmic type (with 355 amino acid residues and low abundance). Cytoplasmic VASH2 is associated with carcinoma angiogenesis, while nuclear VASH2 may be associated with cell proliferation. 67753-1-Ig antibody recognizes both the nuclear and cytoplasmic isoforms. (PMID:23615928; 19204325; 31235911; 26177649)

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

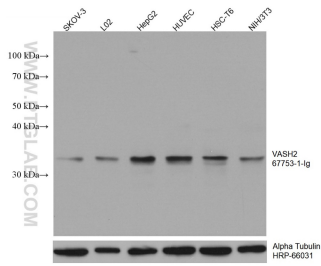
T: 4006900926

E: Proteintech-CN@ptglab.com

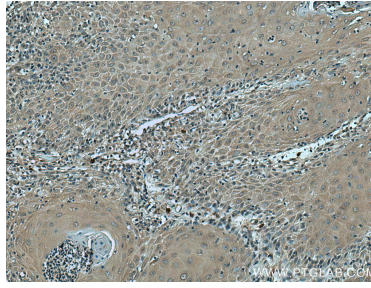
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67753-1-Ig (VASH2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 67753-1-Ig (VASH2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).