VASH2 Monoclonal antibody, PBS Only

Catalog Number:**67753-1-PBS**

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67753-1-PBS

Size:
100ug , Concentration: 1mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG29985

GenBank Accession Number:
BC028194

GeneID (NCBI):
79805

UNIPROT ID:
Q86V25

Full Name:
vasohibin 2

Calculated MW:
355 aa, 40 kDa

Observed MW:
30-34 kDa

Purification Method:
Protein G purification

CloneNo.:
3A11D10

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

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)
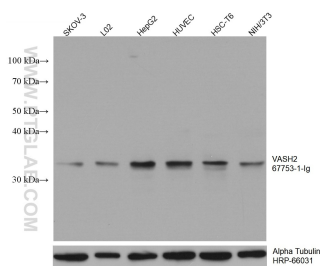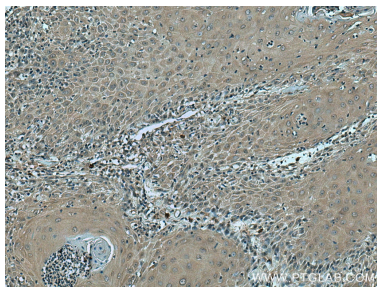
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 67753-1-PBS in a different storage buffer formulation.

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). This data was developed using the same antibody clone with 67753-1-PBS in a different storage buffer formulation.