

VPS18 Monoclonal antibody

Catalog Number: 67590-1-Ig

Basic Information

Catalog Number:

67590-1-Ig

Size:

1700 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG29954

GenBank Accession Number:

BC001513

GeneID (NCBI):

57617

UNIPROT ID:

Q9P253

Full Name:

vacuolar protein sorting 18 homolog
(S. cerevisiae)

Calculated MW:

110 kDa

Observed MW:

100-110 kDa

Purification Method:

Protein A purification

CloneNo.:

2E10G11

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Species Specificity:

Human, 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 : A549 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells

IHC : human liver cancer tissue,

IF/ICC : A549 cells,

Background Information

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Vps18 is a central member of Vps-C complex. Vps18 may play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.

Storage

Storage:

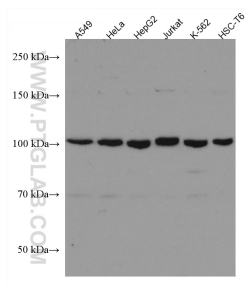
Store at -20°C.

Storage Buffer:

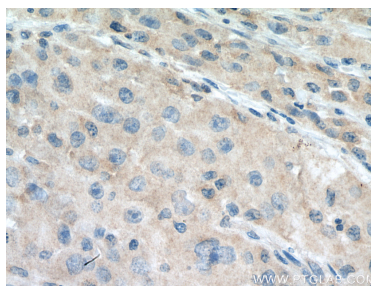
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

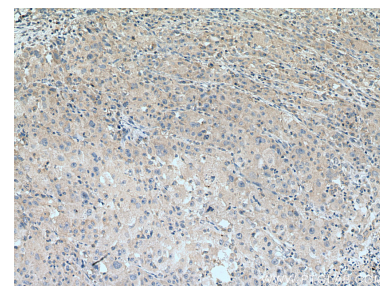
Selected Validation Data



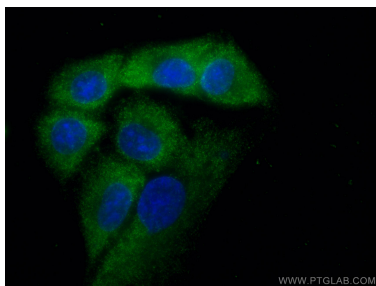
Various lysates were subjected to SDS PAGE followed by western blot with 67590-1-Ig (VPS18 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67590-1-Ig (VPS18 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67590-1-Ig (VPS18 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using VPS18 antibody (67590-1-Ig, Clone: 2E10G11) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).