

VPS25 Monoclonal antibody, PBS Only

Catalog Number: **68197-1-PBS**

Basic Information

Catalog Number:

68197-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8243

GenBank Accession Number:

BC006282

GeneID (NCBI):

84313

UNIPROT ID:

Q9BRG1

Full Name:

vacuolar protein sorting 25 homolog
(S. cerevisiae)

Calculated MW:

176 aa, 21 kDa

Observed MW:

19 kDa

Purification Method:

Protein G purification

CloneNo.:

3B4C3

Applications

Tested Applications:

WB, Indirect ELISA, IF

Species Specificity:

Human, Rabbit

Background Information

VPS25 is a component of the endosome-associated complex ESCRT-II (Endosomal Sorting Complexes Required for Transport protein II). ESCRT-II complex, composed of VPS25, VPS36, and SNF8, functions in sorting of ubiquitinated membrane proteins during endocytosis. ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. VPS25 is highly conserved. Human VPS25 gene maps to chromosome 17q21.31 and is expressed in a wide range of tissues (PMID: 16889659).

Storage

Storage:

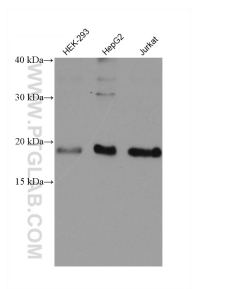
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

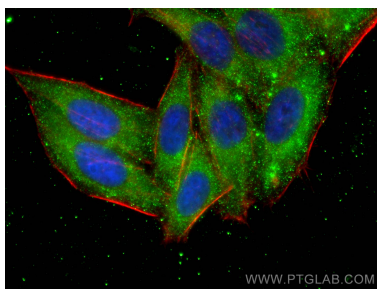
Storage Buffer:

PBS Only

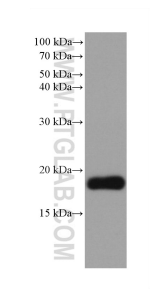
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68197-1-Ig (VPS25 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68197-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using VPS25 antibody (68197-1-Ig, Clone: 3B4C3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68197-1-PBS in a different storage buffer formulation.



rabbit kidney tissue were subjected to SDS PAGE followed by western blot with 68197-1-Ig (VPS25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68197-1-PBS in a different storage buffer formulation.