

For Research Use Only

# VPS4B Monoclonal antibody, PBS Only



Catalog Number: 68443-1-PBS

## Basic Information

Catalog Number:

68443-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG11610

GenBank Accession Number:

BC039574

GeneID (NCBI):

9525

UNIPROT ID:

O75351

Full Name:

vacuolar protein sorting 4 homolog B  
(S. cerevisiae)

Calculated MW:

444 aa, 49 kDa

Observed MW:

~50 kDa

Purification Method:

Protein G purification

CloneNo.:

2H3G7

## Applications

Tested Applications:

WB,IP,Indirect ELISA,IF

Species Specificity:

Human, mouse , rat

## Background Information

VPS4 (Vacuolar protein sorting-associated protein 4) is involved in intracellular protein trafficking, presumably at a late endosomal protein transport step. VPS4B is a ubiquitously expressed type I AAA+ (ATPases Associated with diverse cellular Activities) ATPase. It cooperates with its highly homologous paralog VPS4A (encoded by the VPS4A gene) to disassemble and release the Endosomal Sorting Complex Required for Transport (ESCRT) machinery. 68443-1-Ig specifically recognizes VPS4B. (PMID:31930723)

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

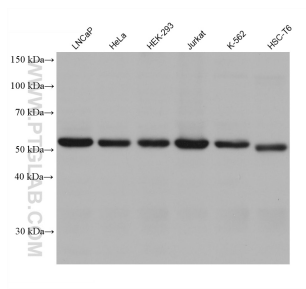
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

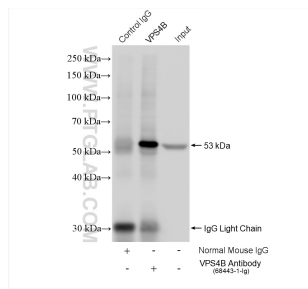
W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

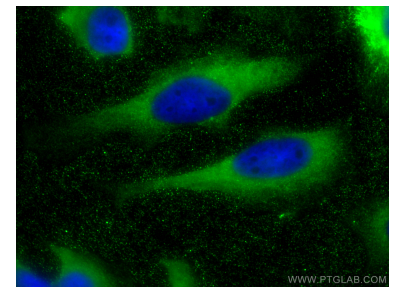
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68443-1-Ig (VPS4B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68443-1-PBS in a different storage buffer formulation.



IP result of anti-VPS4B (IP:68443-1-Ig, 4ug; Detection:68443-1-Ig 1:4000) with HeLa cells lysate 1560 ug. This data was developed using the same antibody clone with 68443-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using VPS4B antibody (68443-1-Ig, Clone: 2H3G7 ) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68443-1-PBS in a different storage buffer formulation.