# **Anti-VPS18 Recombinant Rabbit Monoclonal Antibody**



**Catalog #: 2667** 

#### **Aliases**

VPS18; VPS18 Core Subunit Of CORVET And HOPS Complexes; KIAA1475; PEP3; Vacuolar Protein Sorting-Associated Protein 18 Homolog; Vacuolar Protein Sorting Protein 18; VPS18, CORVET/HOPS Core Subunit; HVPS18; Vacuolar Protein Sorting 18 Homolog (S. Cerevisiae); Vacuolar Protein Sorting 18 Homolog

## **Background**

Gene Name: VPS18

NCBI Gene Entry: 57617 UniProt Entry: Q9P253

## **Application Information**

Molecular Weight: Predicted, 110 kDa; observed, 100 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB2405

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

#### **Immunogen**

A synthesized peptide derived from human VPS18

### **Isotype**

Rabbit IgG

### **Storage Buffer**

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

#### **Storage**

Store at -20 °C for one year.

#### **Recommended Dilutions**

Western Blotting (WB): 1:1,000-1:5,000

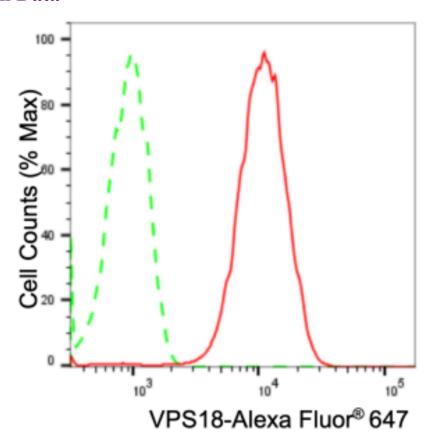
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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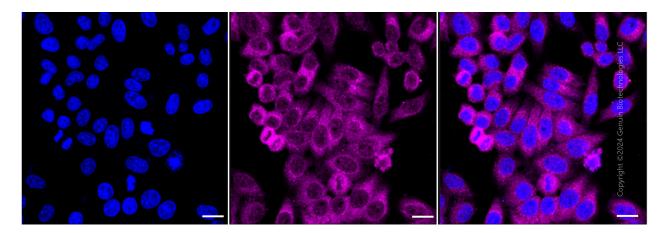
Note: This product is for research use only.

#### **Validation Data**



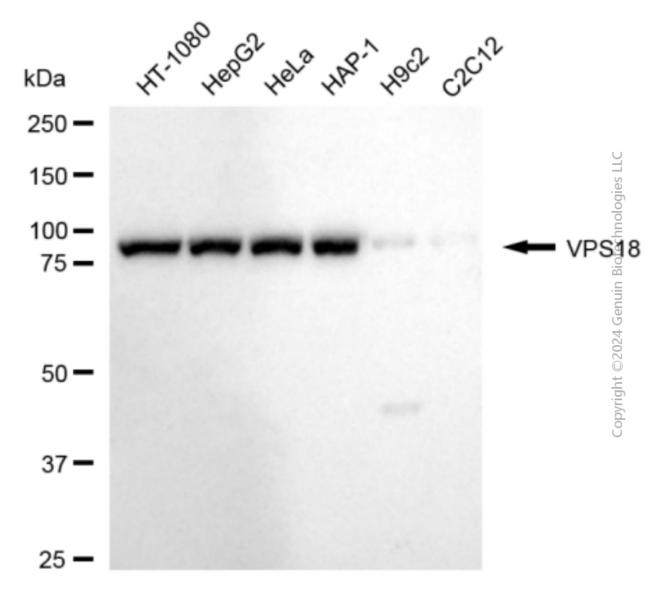
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Flow cytometric analysis of VPS18 expression in HepG2 cells using anti-VPS18 antibody (Cat#2667, 1:2,000). Green, isotype control; red, VPS18.



Immunocytochemical staining of HepG2 cells with anti-VPS18 antibody (Cat#2667, 1:1,000). Nuclei were stained blue with DAPI; VPS18 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar:  $20~\mu m$ .

# **Anti-VPS18 Recombinant Rabbit Monoclonal Antibody**



Western blotting analysis using anti-VPS18 antibody (Cat#2667). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-VPS18 antibody (Cat#2667, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ<sup>TM</sup> ECL Substrate Kit (Cat#226).