# **Anti-RuvB Like AAA ATPase 1 Recombinant Rabbit Monoclonal Antibody**



**Catalog #: 2525** 

#### **Aliases**

RuvB Like AAA ATPase 1; NMP238; TIP49a; INO80H; TIP49; INO80 Complex Subunit H; Pontin52; ECP54; RVB1; TIH1; 49 KDa TATA Box-Binding Protein-Interacting Protein; 54 KDa Erythrocyte Cytosolic Protein; TIP60-Associated Protein 54-Alpha; 49 KDa TBP-Interacting Protein; RuvB (E Coli Homolog)-Like 1; Nuclear Matrix Protein 238; RuvB-Like AAA ATPase; RuvB-Like 1; TAP54-Alpha; Pontin 52; NMP 238; Pontin; ECP-54; TATA Binding Protein Interacting Protein 49 KDa; Epididymis Secretory Sperm Binding Protein; RuvB-Like AAA ATPase 1; RuvB-Like 1 (E. Coli); EC 3.6.4.12; EC 3.6.1; TIP49A

### **Background**

Gene Name: RUVBL1 NCBI Gene Entry: 8607 UniProt Entry: Q9Y265

### **Application Information**

Molecular Weight: Predicted, 50 kDa; observed, 50 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB1255

Species Reactivity: Human, mouse, rat

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

#### **Immunogen**

A synthesized peptide derived from human TIP49A

#### **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

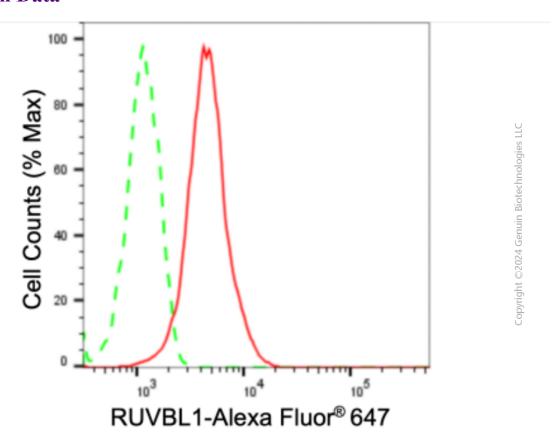
Flow Cytometry (FCM): 1:2,000

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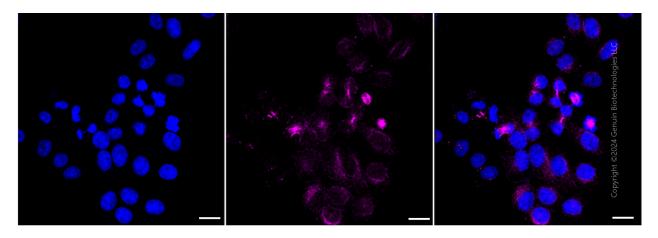
Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

#### **Validation Data**



Flow cytometric analysis of RUVBL1 expression in HepG2 cells using anti-RUVBL1 antibody (Cat#2525, 1:2,000). Green, isotype control; red, RUVBL1.

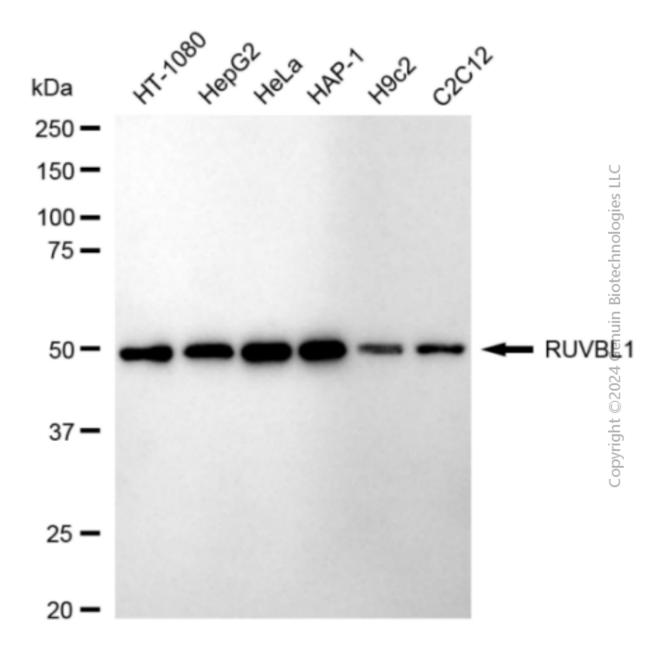


Immunocytochemical staining of HepG2 cells with anti-RUVBL1 antibody (Cat#2525, 1:1,000). Nuclei were stained blue with DAPI; RUVBL1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart

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gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-RUVBL1 antibody (Cat#2525). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RUVBL1 antibody (Cat#2525, 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).