## **Anti-DLG1 Recombinant Rabbit Monoclonal Antibody**



**Catalog #: 3362** 

#### **Aliases**

DLG1; Discs Large MAGUK Scaffold Protein 1; SAP-97; SAP97; Synapse-Associated Protein 97; DJ1061C18.1.1; DLGH1; Hdlg; Discs Large Homolog 1, Scribble Cell Polarity Complex Component; Presynaptic Protein SAP97; Disks Large Homolog 1; Discs, Large Homolog 1 (Drosophila); Discs Large Homolog 1; HDlg

### **Background**

Gene Name: DLG1 NCBI Gene Entry: 1739 UniProt Entry: Q12959

## **Application Information**

Molecular Weight: Predicted, 100 kDa; observed, 130 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB5305

Species Reactivity: Human, mouse, rat

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

#### **Immunogen**

A synthesized peptide derived from human SAP97

### **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**

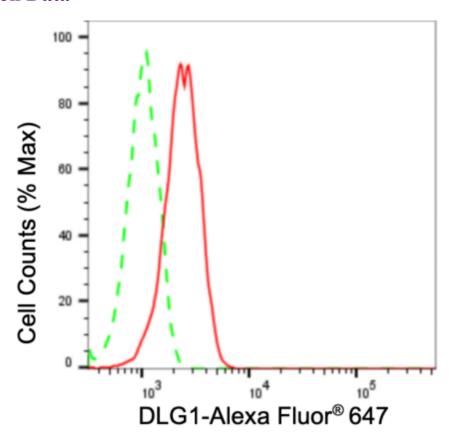
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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

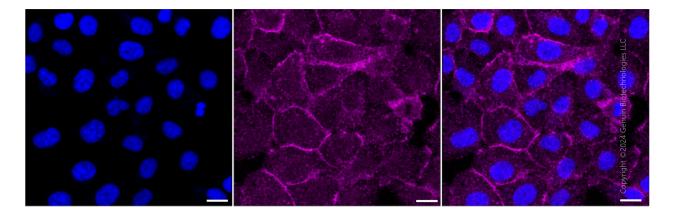
Note: This product is for research use only.

#### **Validation Data**



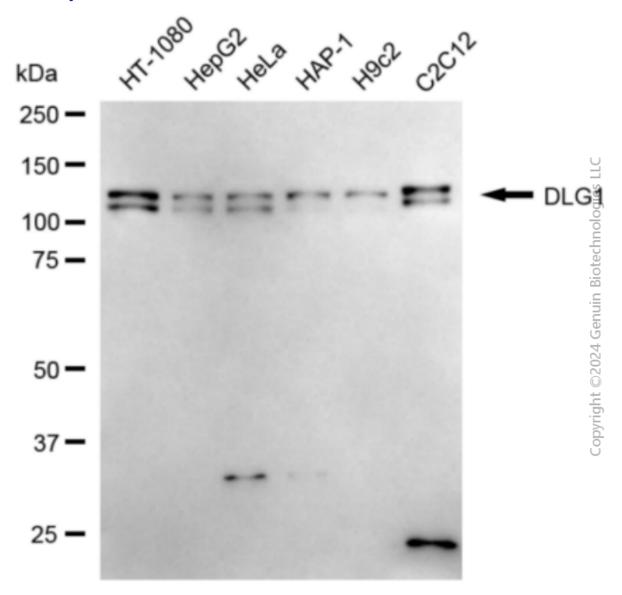
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Flow cytometric analysis of DLG1 expression in HT-1080 cells using anti-DLG1 antibody (Cat#3362, 1:2,000). Green, isotype control; red, DLG1.



Immunocytochemical staining of HT-1080 cells with anti-DLG1 antibody (Cat#3362, 1:1,000) . Nuclei were stained blue with DAPI; DLG1 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-DLG1 Recombinant Rabbit Monoclonal Antibody**



Western blotting analysis using anti-DLG1 antibody (Cat#3362). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DLG1 antibody (Cat#3362, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ<sup>TM</sup> ECL Substrate Kit (Cat#716).